

# Heterogeneous Distributed Environment

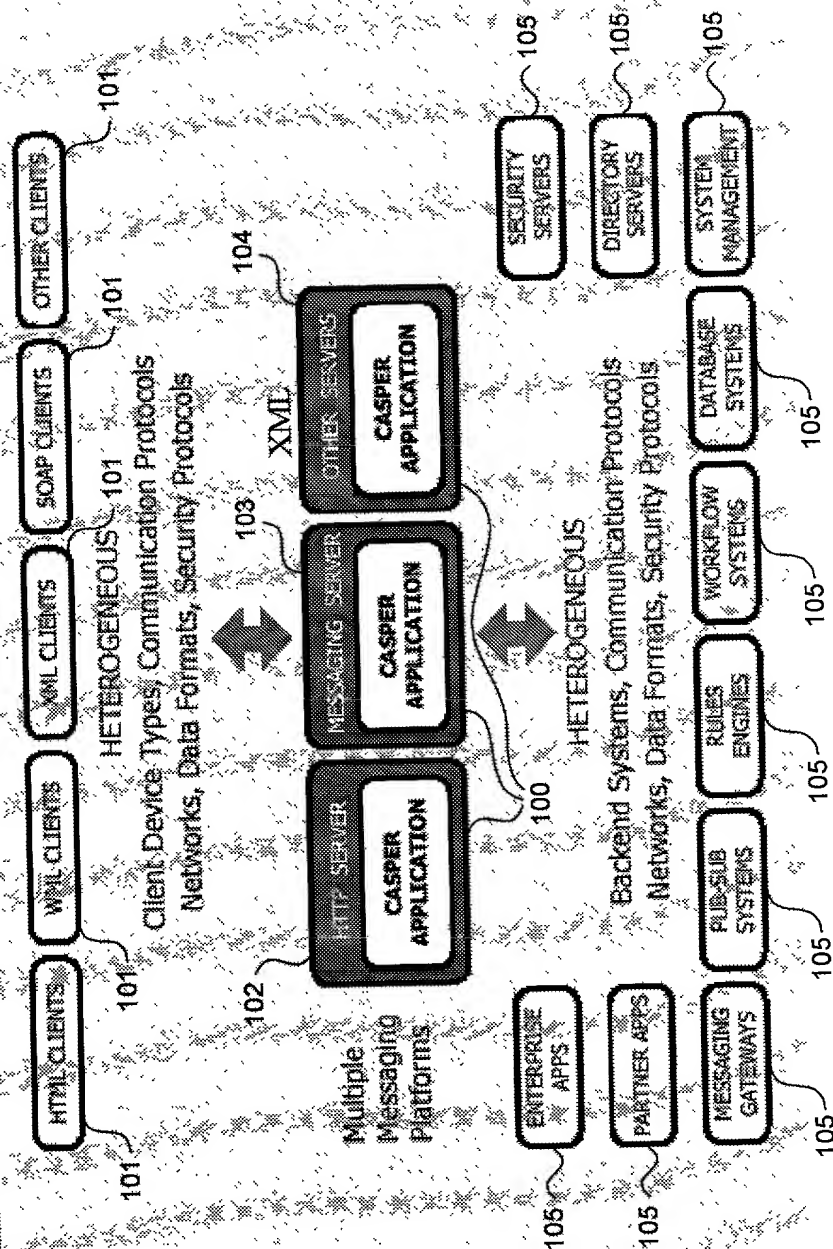


Fig. 1

T02040" T2955400

# Container and Framework Overview

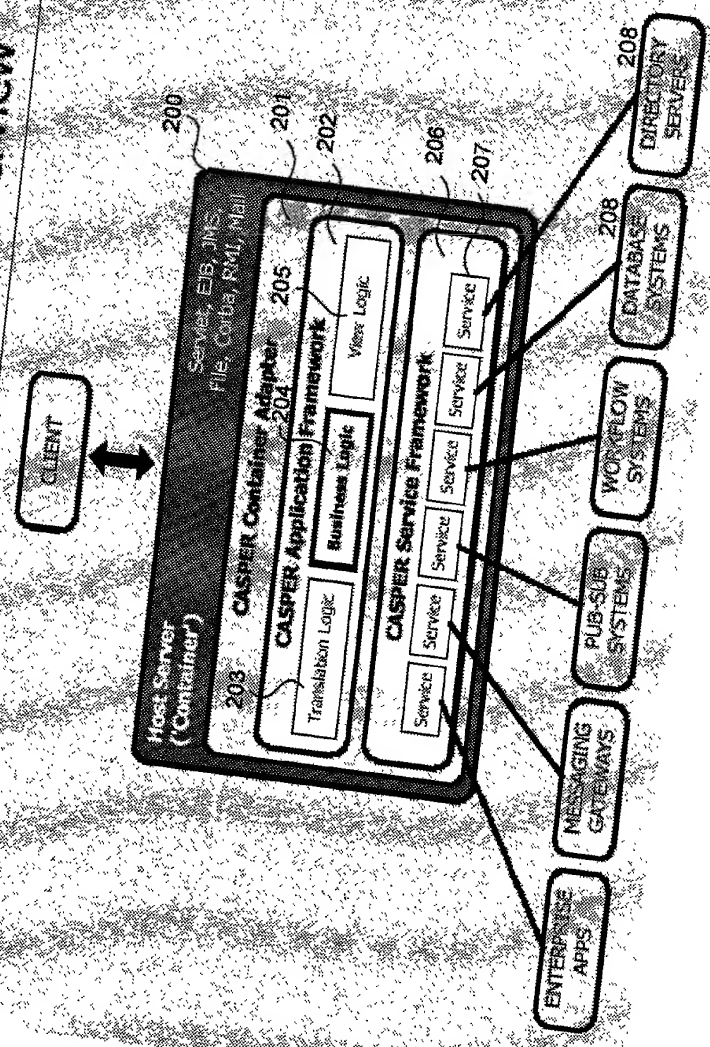


Fig. 2

# Application Framework Overview

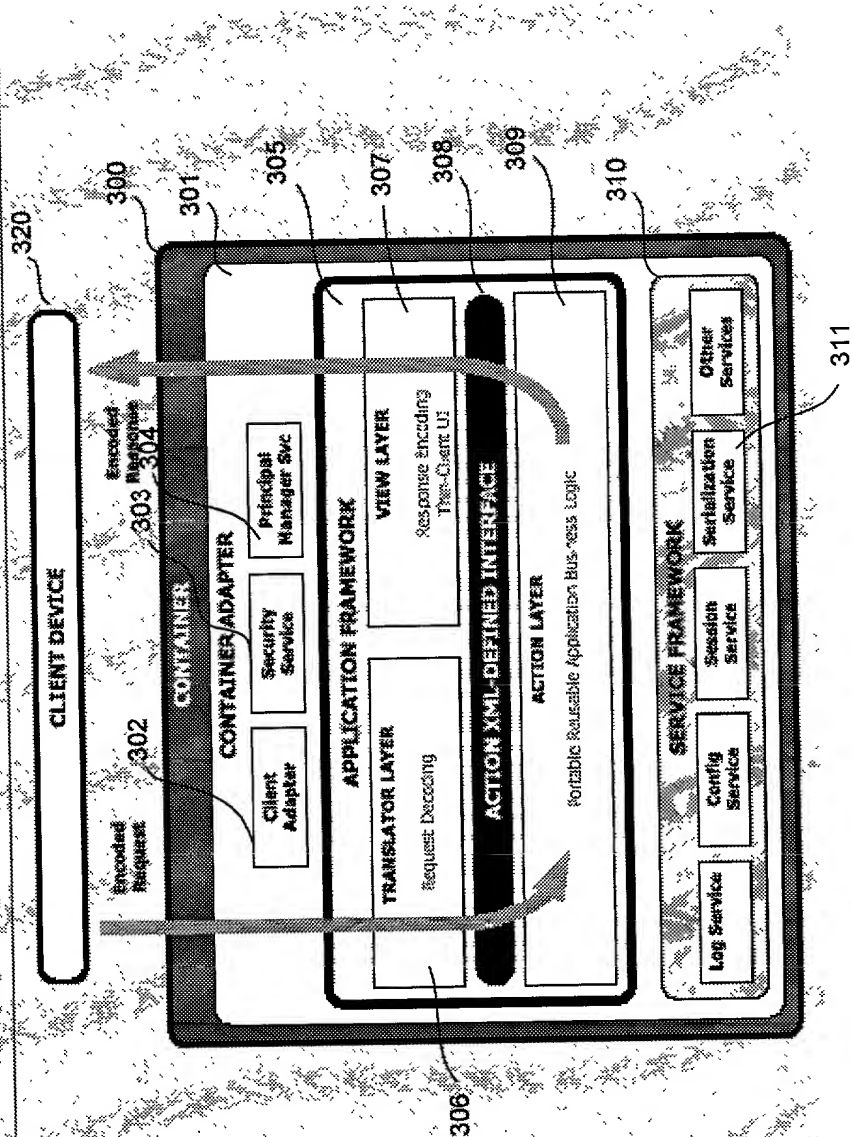


Fig. 3

# Published XML-Defined Action Interface

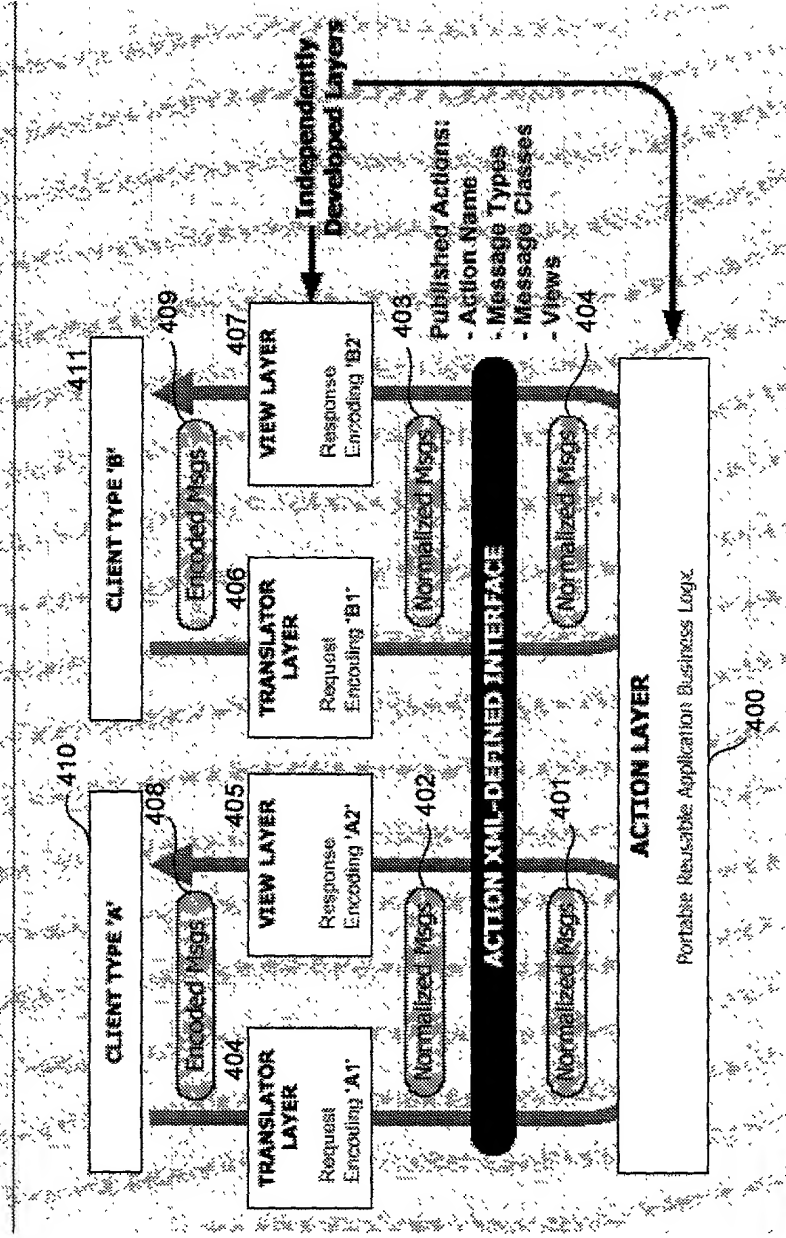


Fig. 4

# Application Request Lifecycle Overview

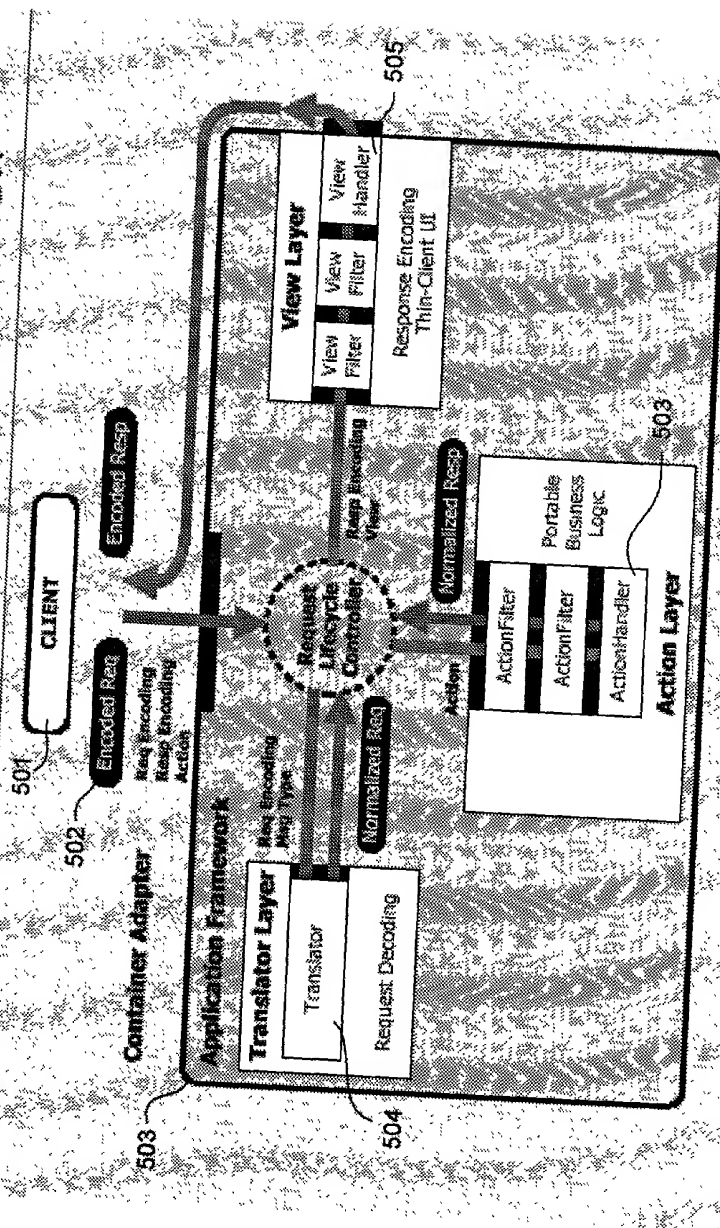


Fig. 5

# Application Request Sequence Overview

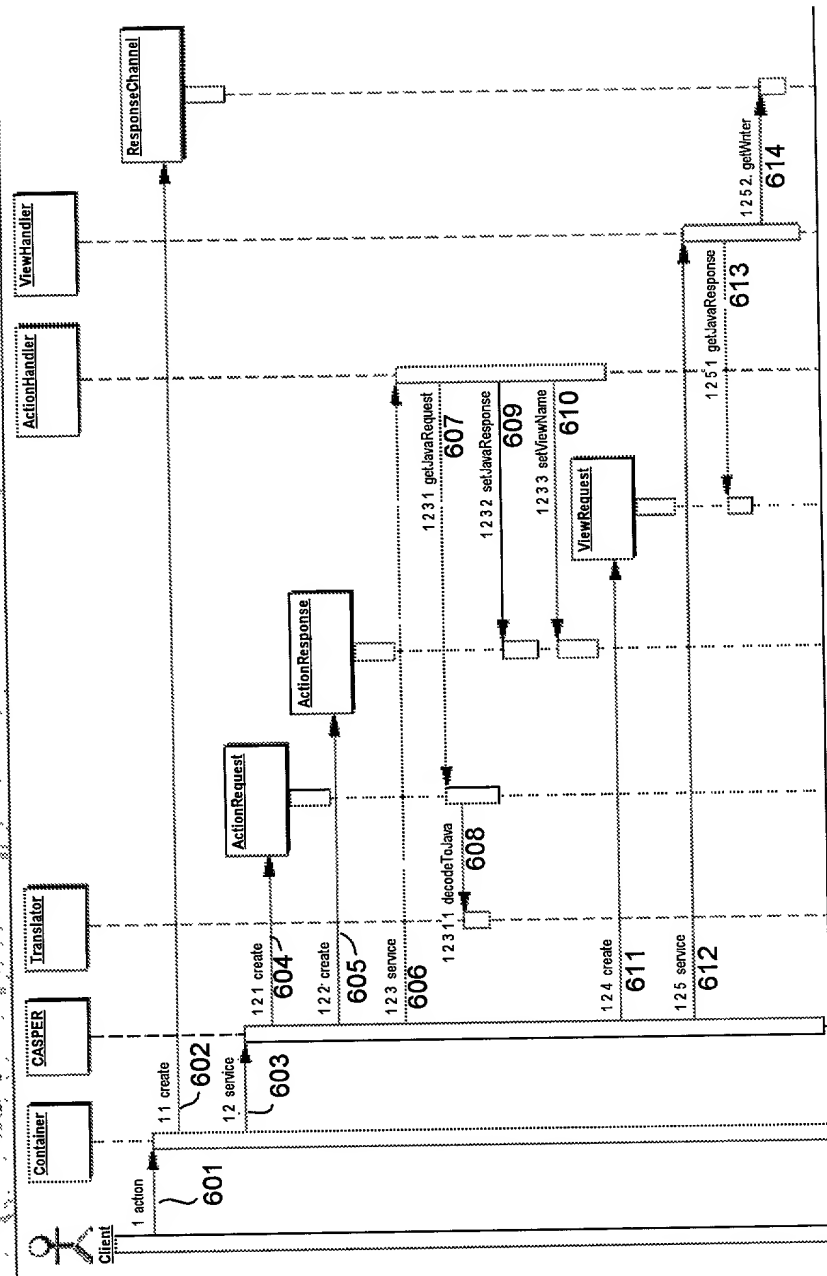


Fig. 6

# Action Layer Components

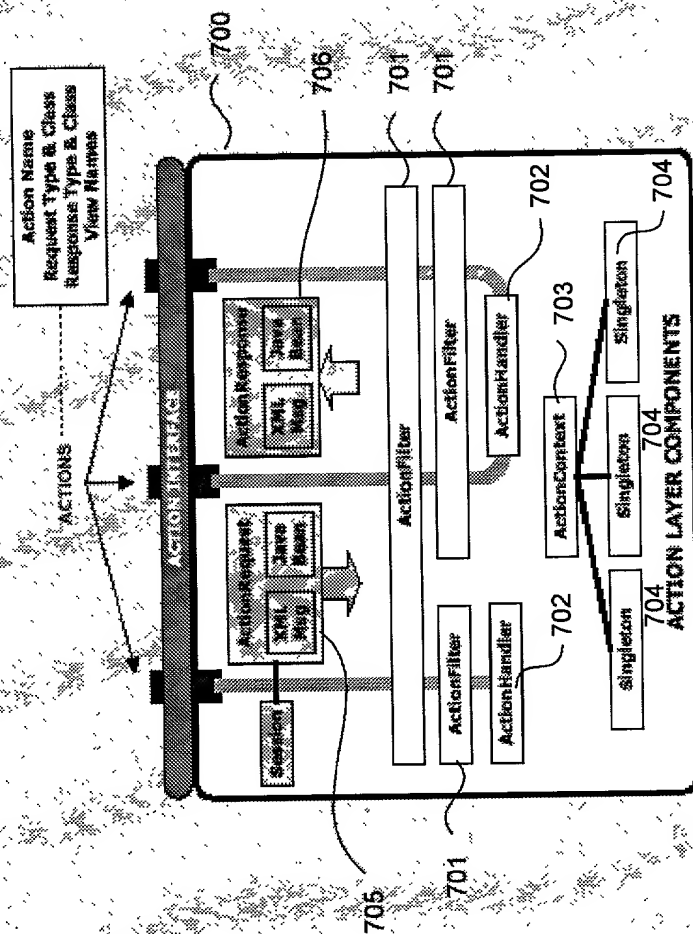
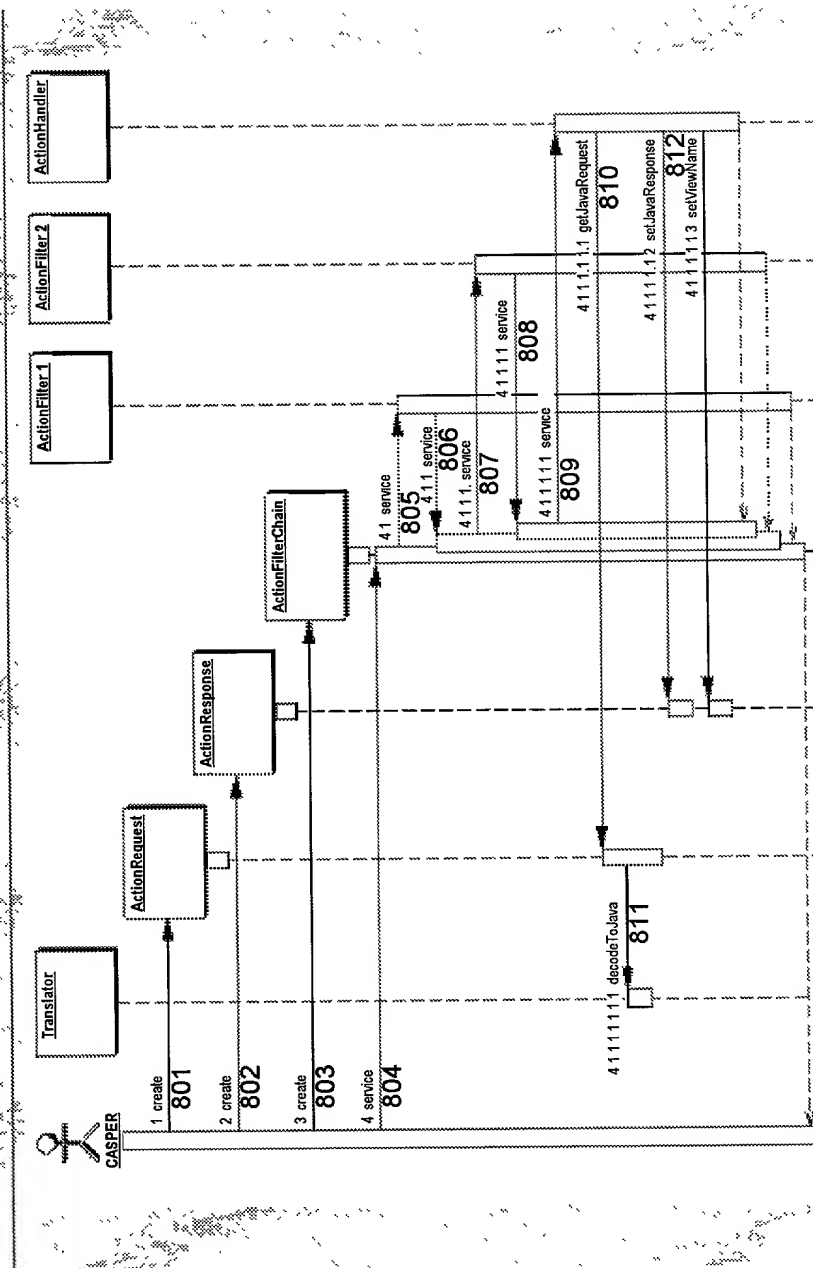


Fig. 7

## Action Layer Request Sequence Overview



**Fig. 8**





# View Layer Components

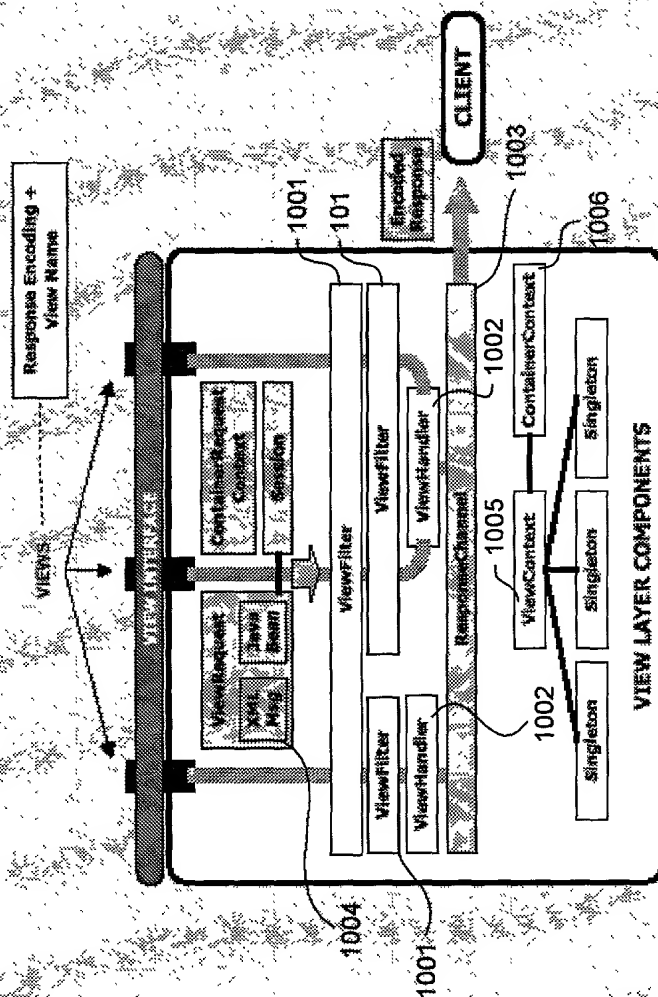


Fig. 10

# View Layer Request Sequence Overview

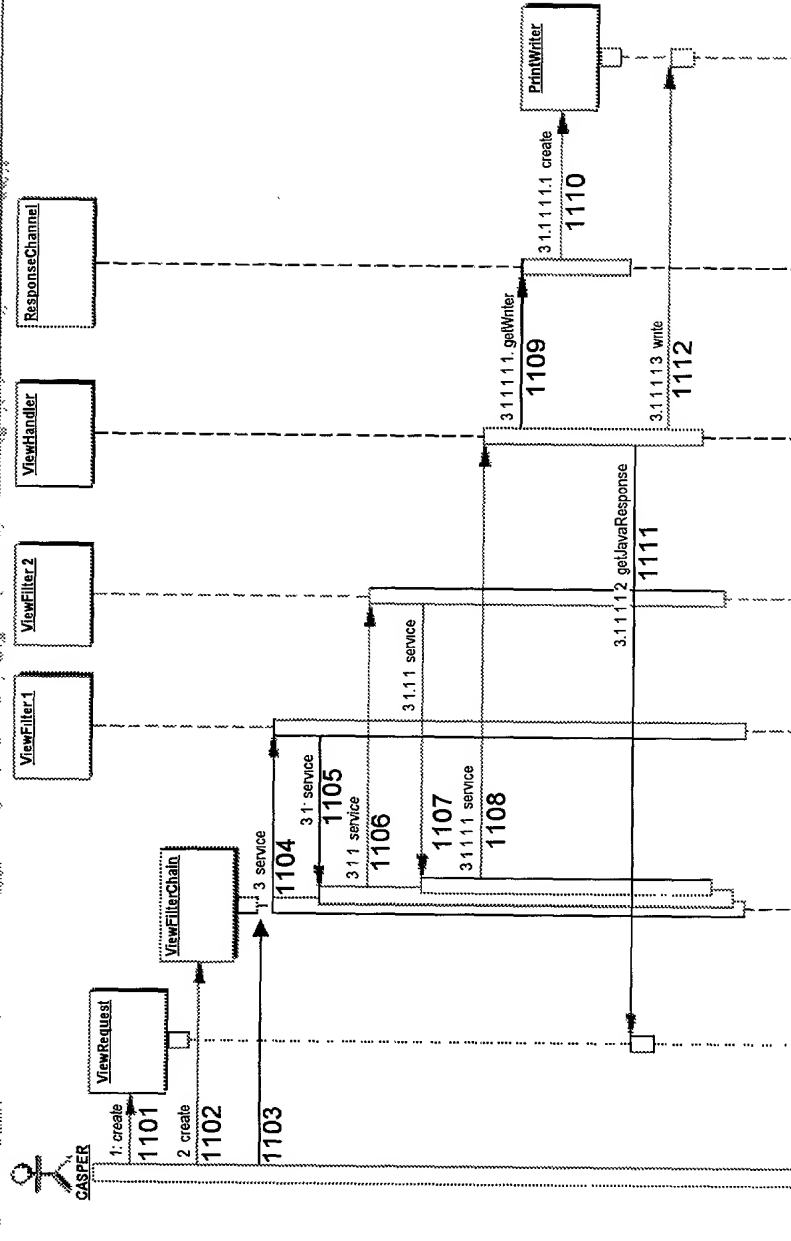


Fig. 11

# Configuration And State Architecture

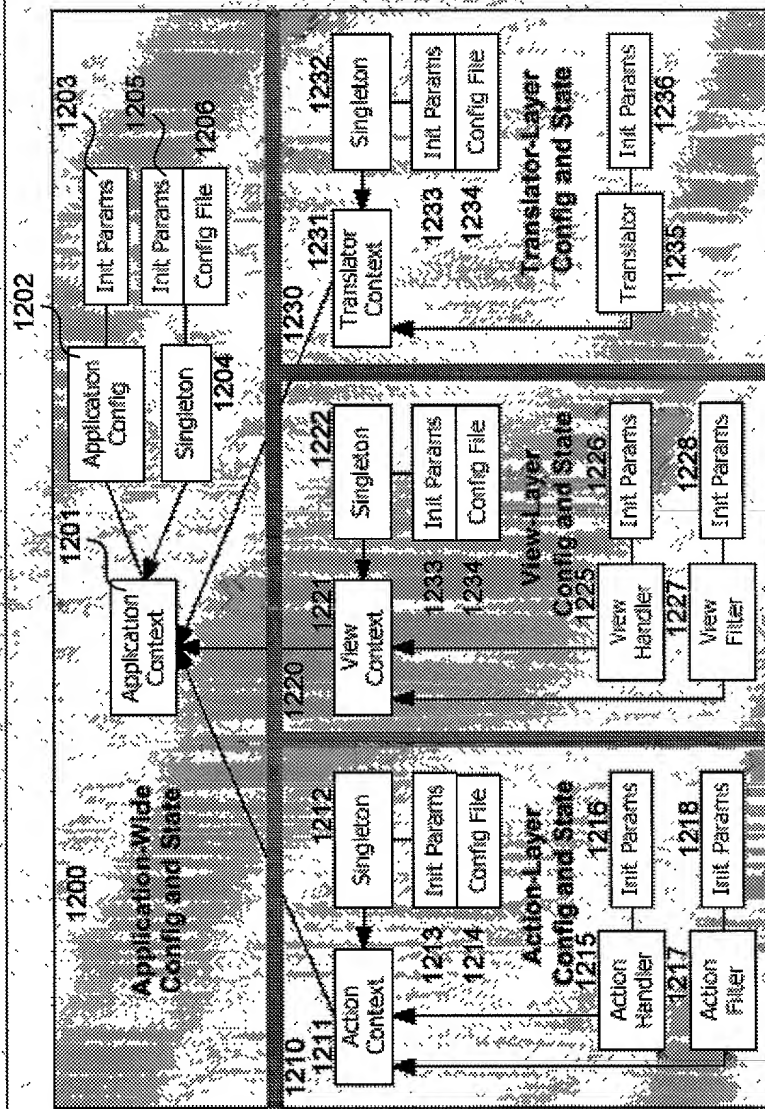


Fig. 12

# casper-application.xml structure

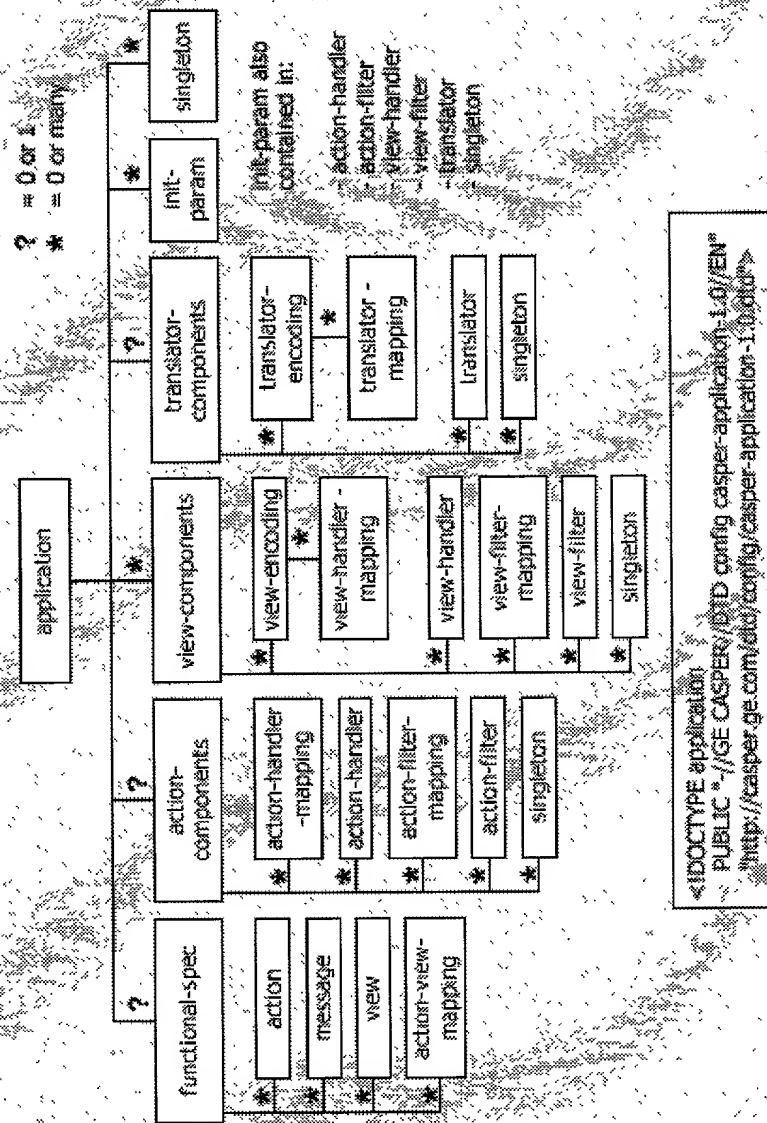
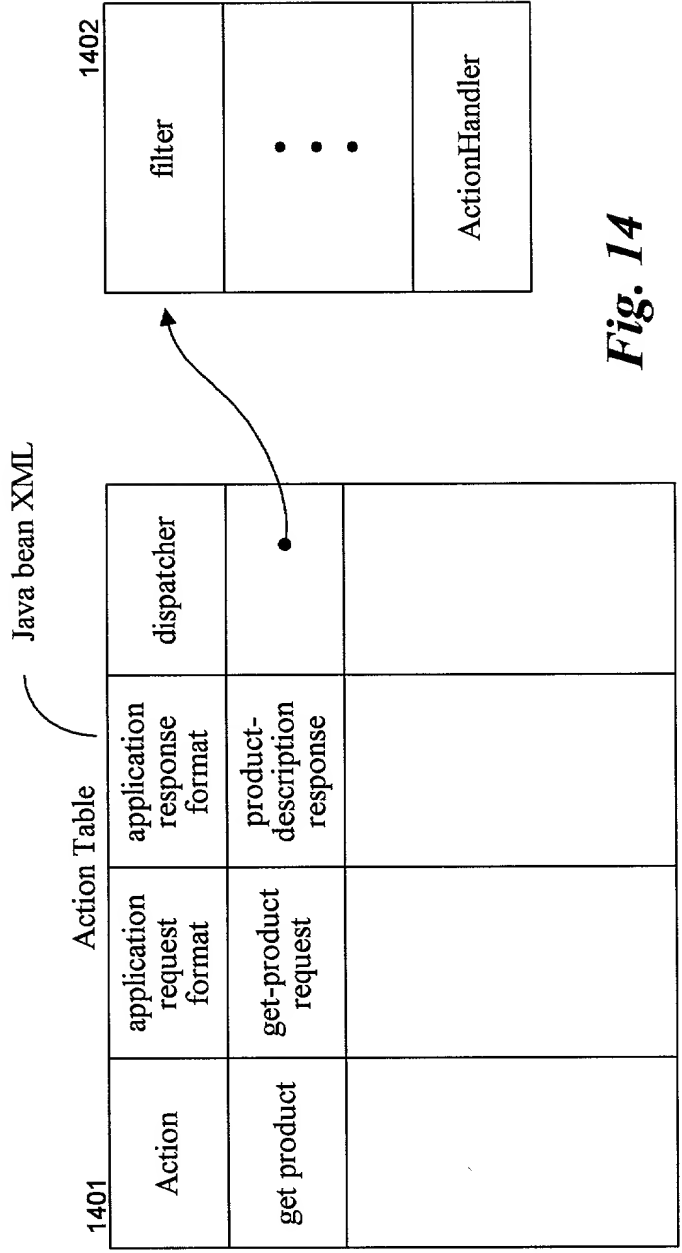


Fig. 13



**Fig. 14**

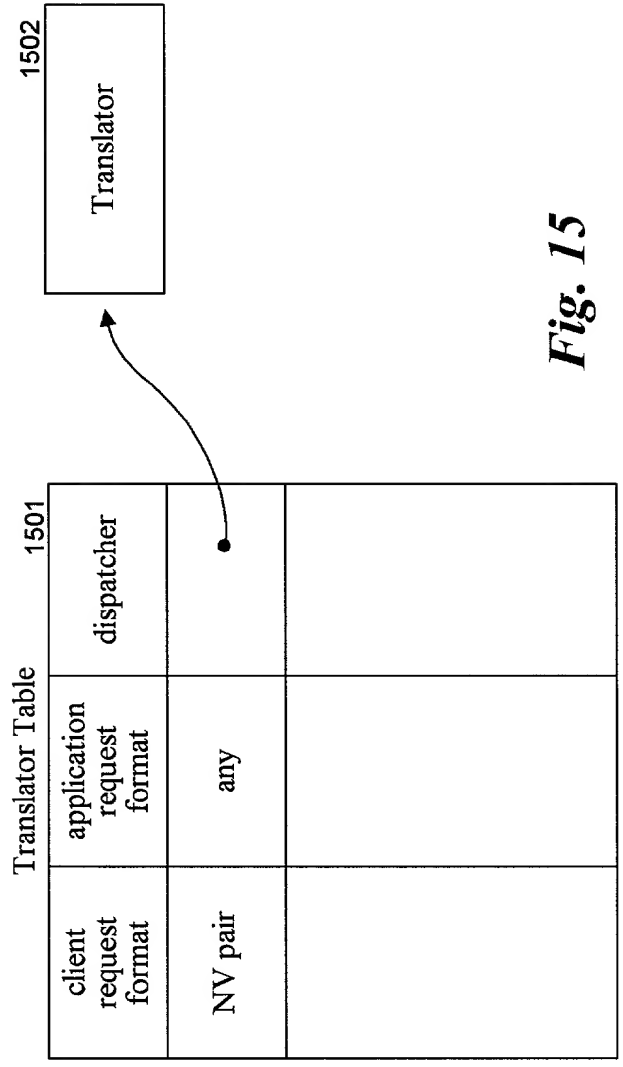
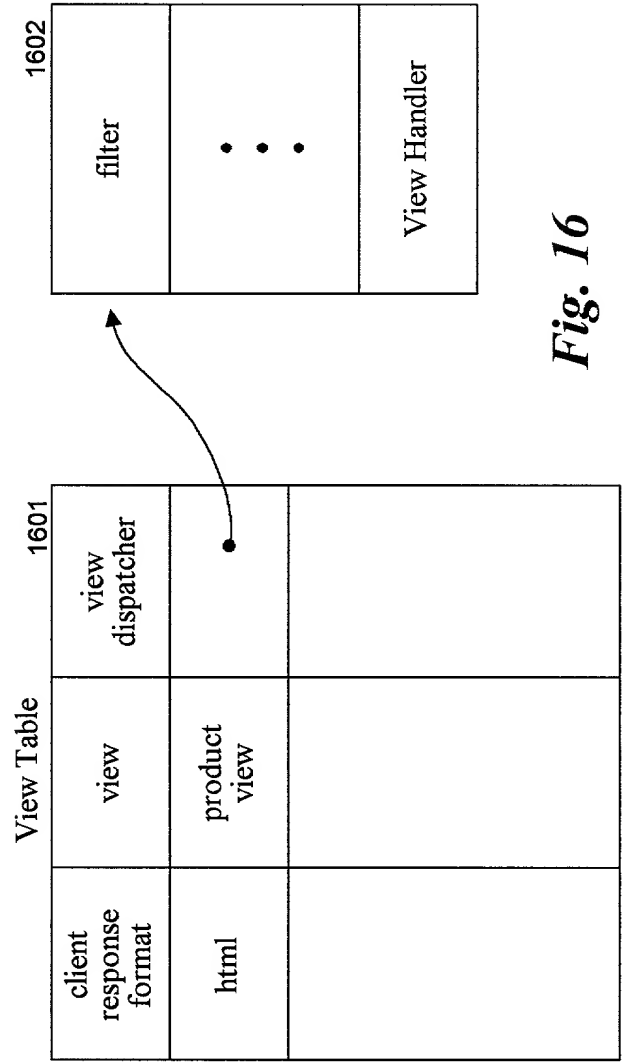
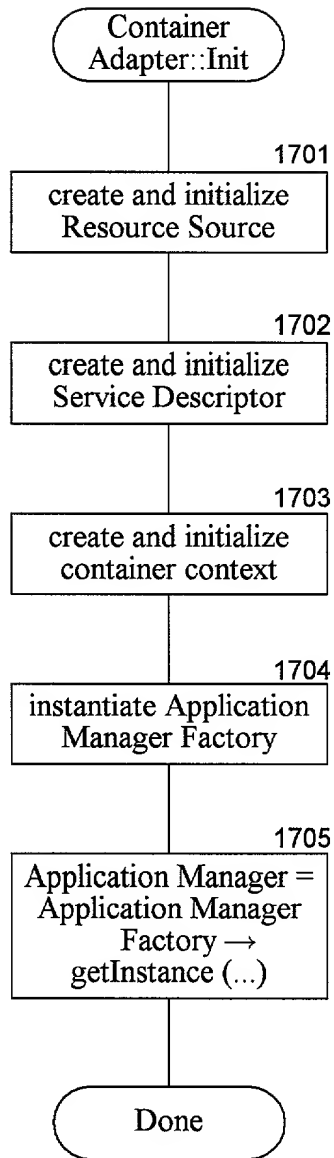


Fig. 15

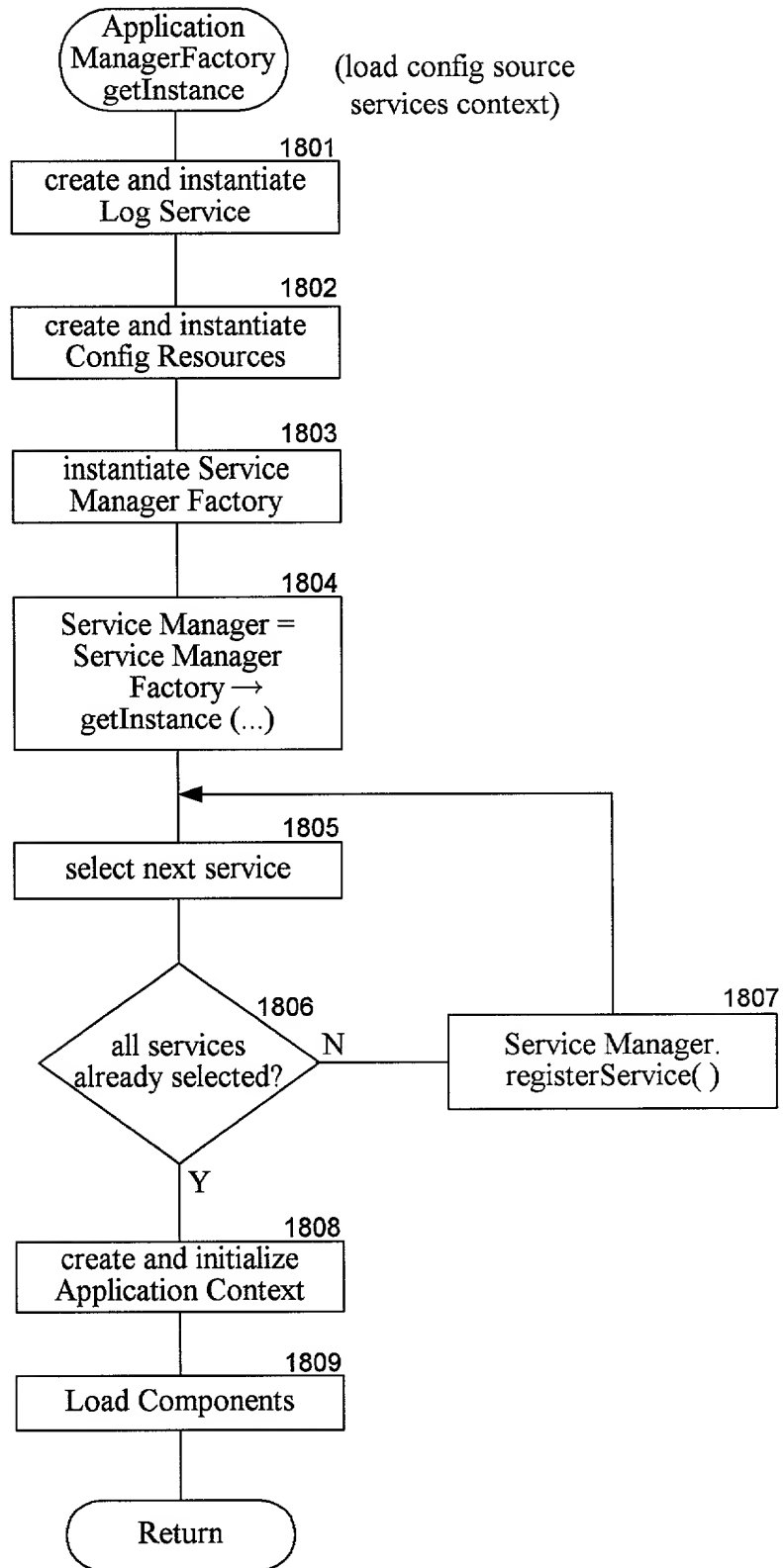


**Fig. 16**

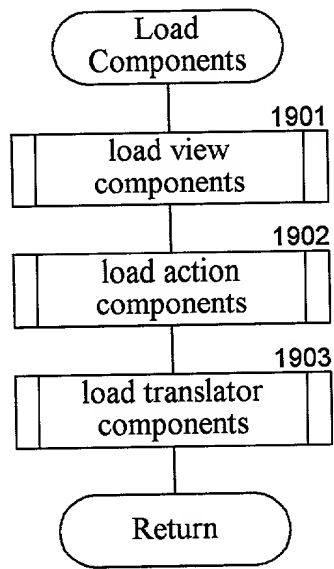




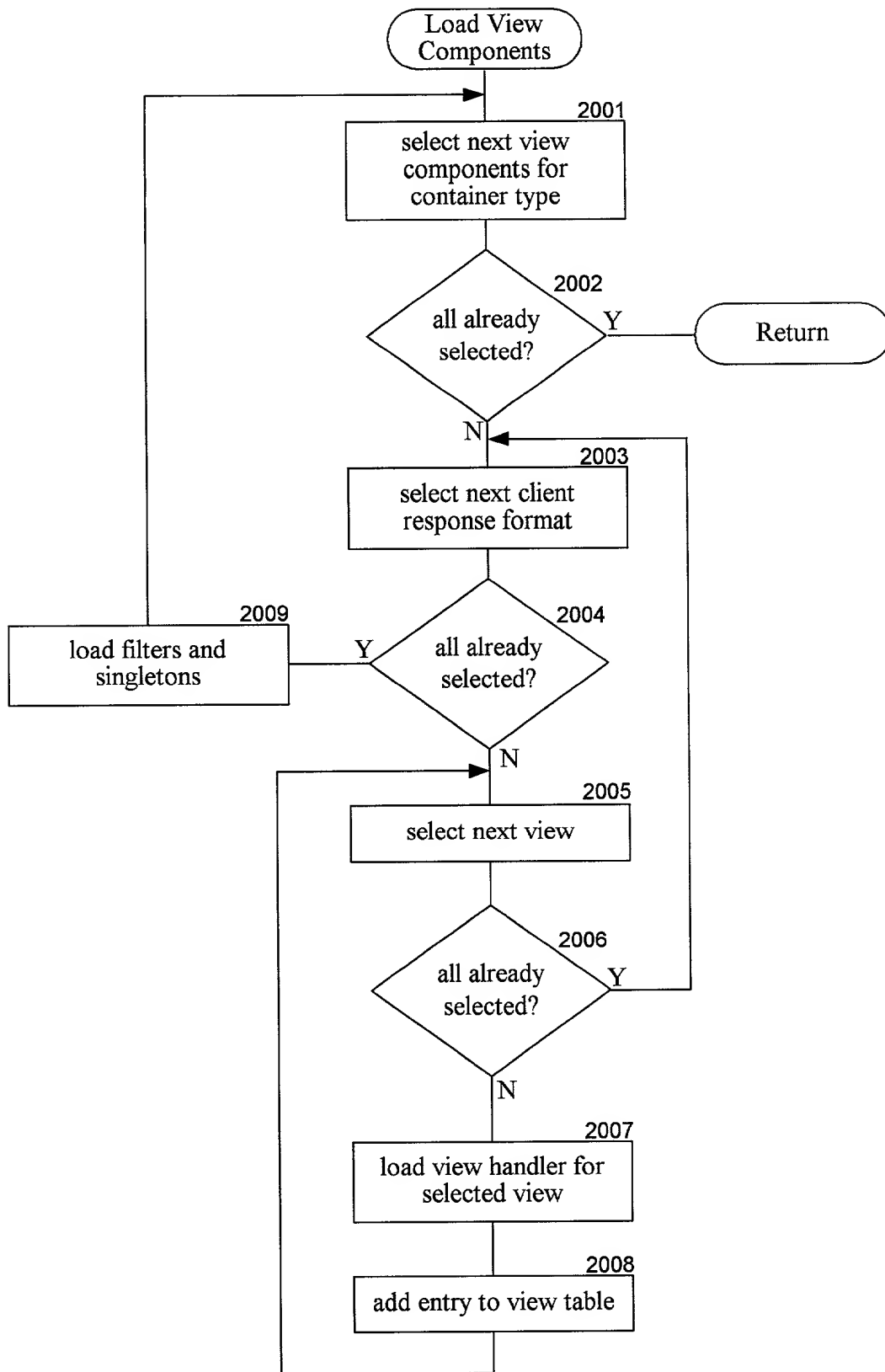
**Fig. 17**



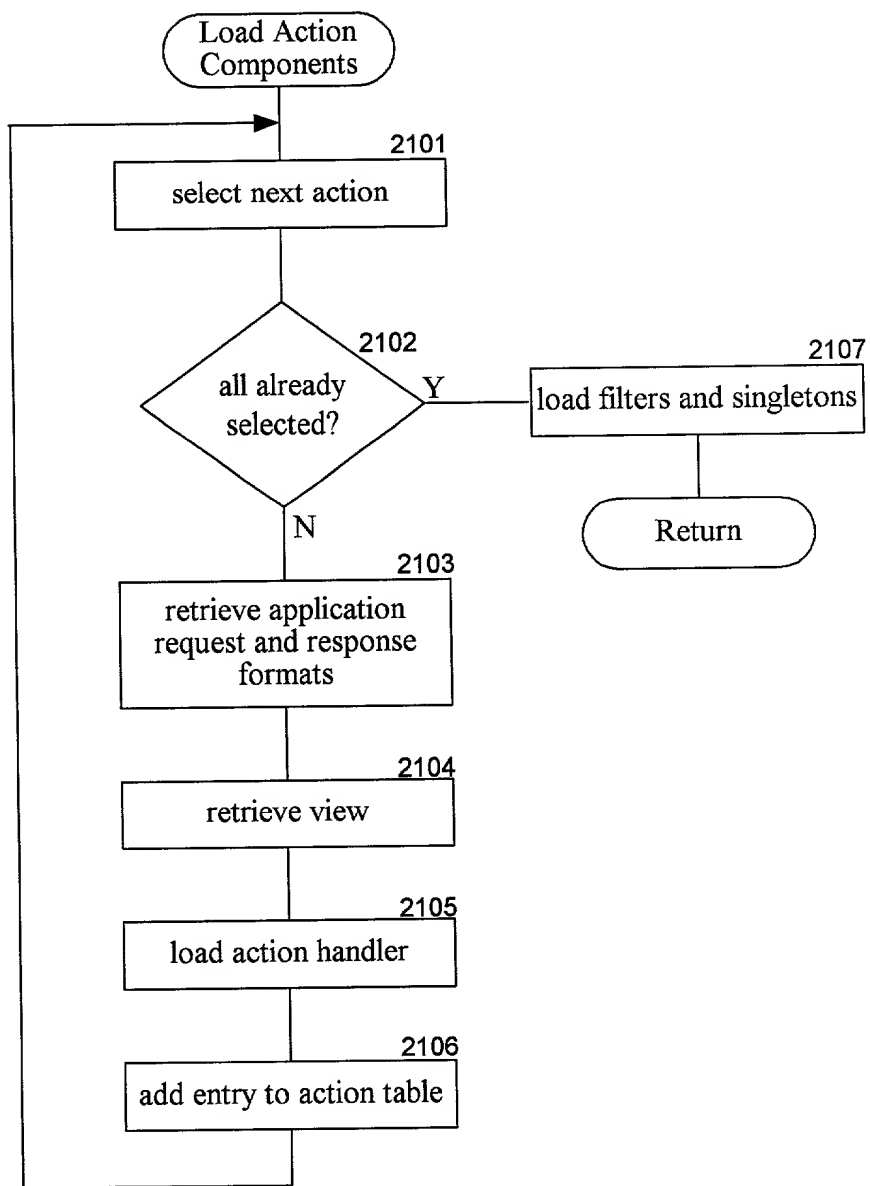
**Fig. 18**



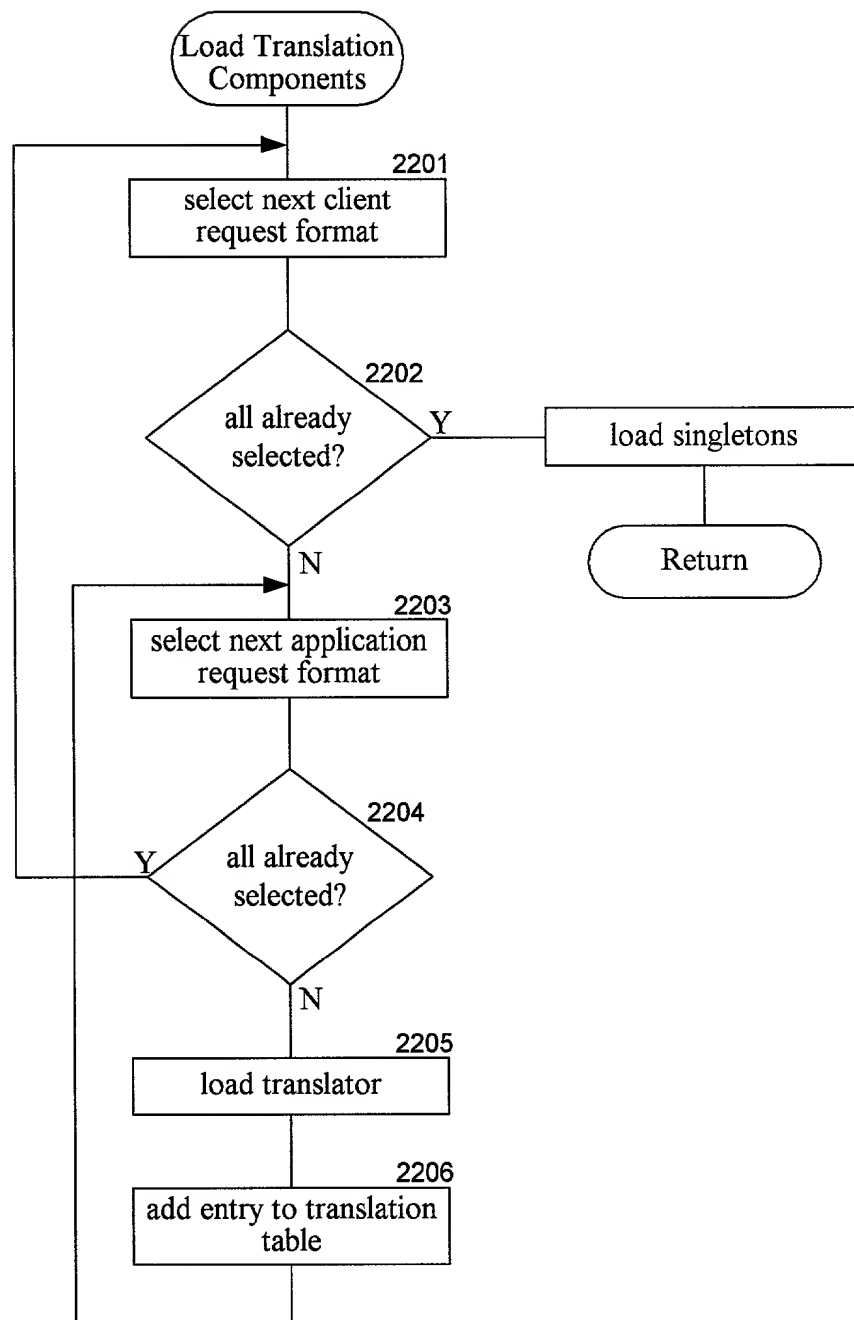
***Fig. 19***



**Fig. 20**



**Fig. 21**



**Fig. 22**

Application  
Manager.Service

(Container Service Order)

2301

Msg. encoding  
CSO.getRequest  
Properties( ).  
getMessageEncoding( )

2302

action = CSO.  
getServiceAddress( ).  
getOperation( )

2303

identify Translator

2304

instantiate and initialize  
Action Request

2305

identify Action  
Dispatcher

2306

dispatch (Action  
Request, Action  
Response)

2307

instantiate and initialize  
View Request

2308

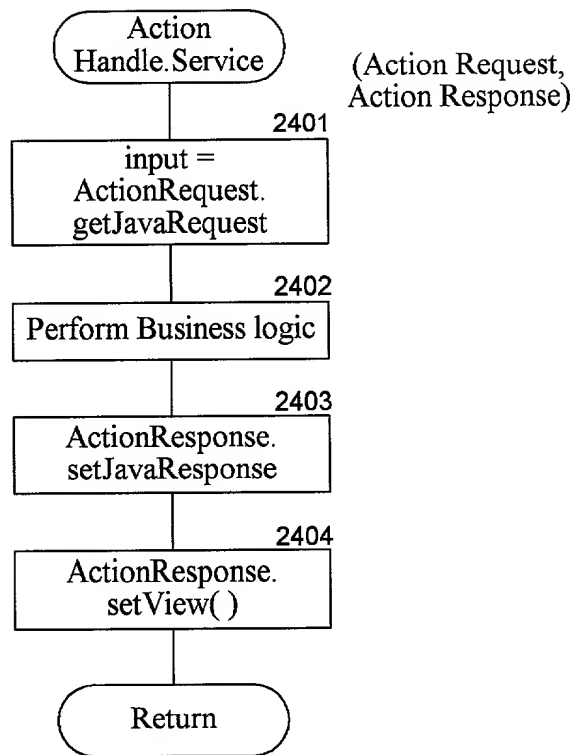
identify View  
Dispatcher

2309

dispatch (view Request  
and Response Channel  
Container Request  
Context

Done

**Fig. 23**



**Fig. 24**



# Service Framework Overview

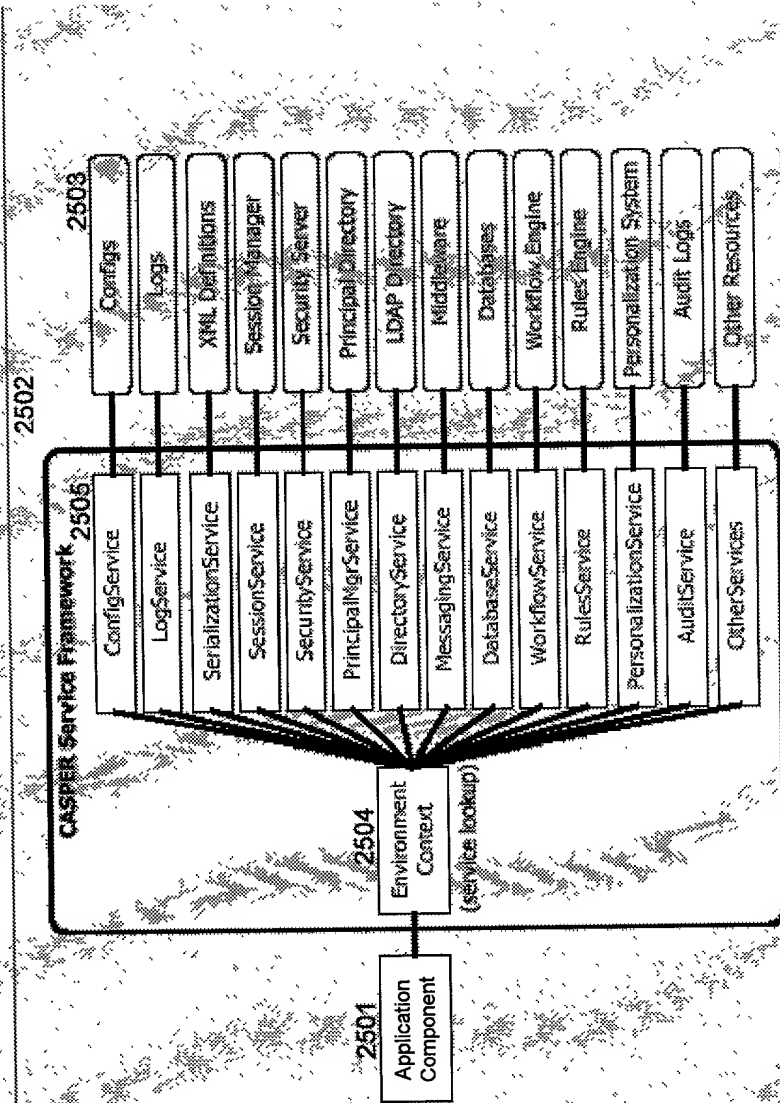


Fig. 25

# Service Classes & Interfaces

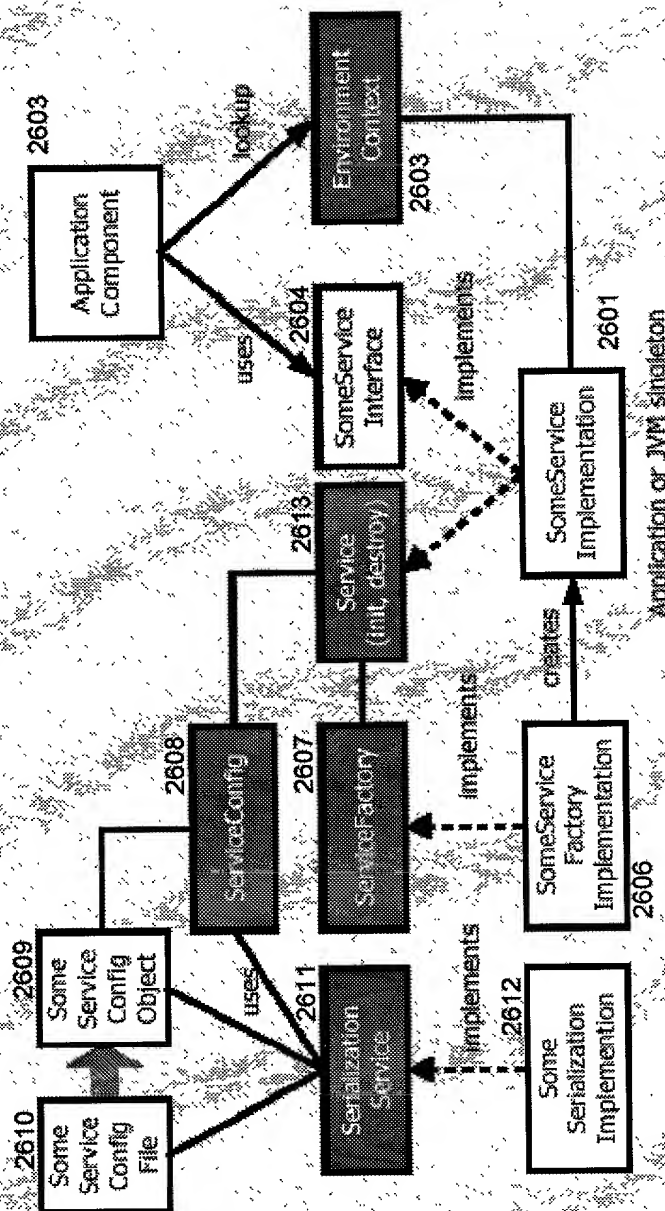


Fig. 26

# Service Framework Configuration

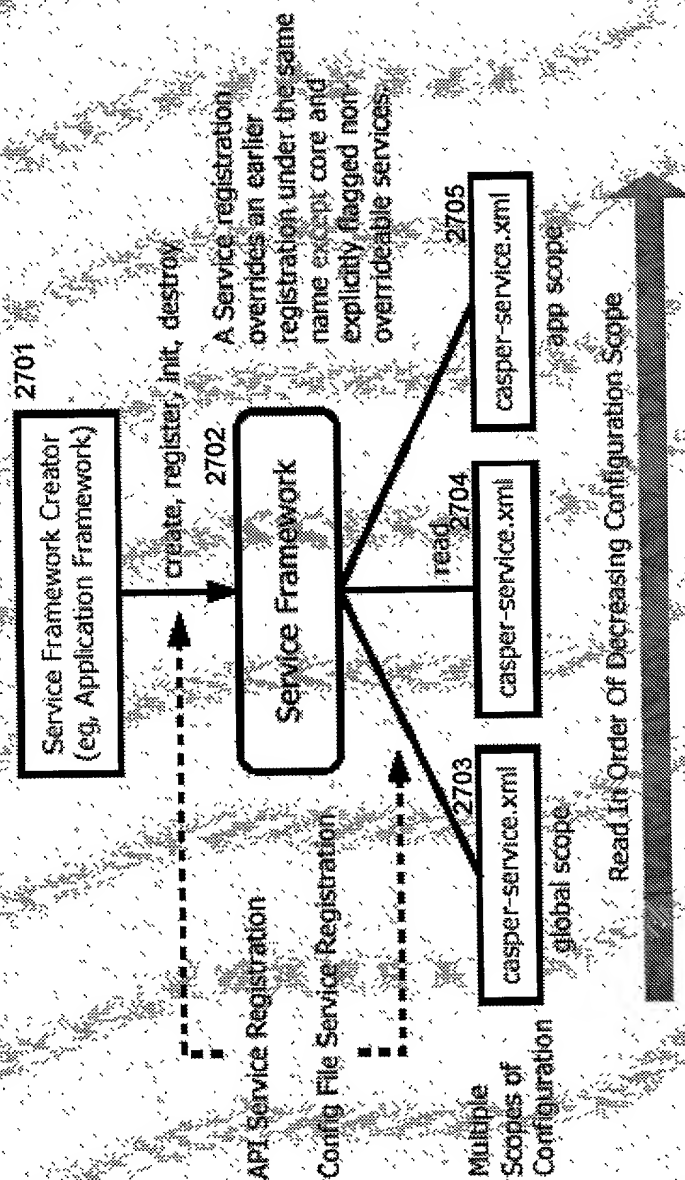


Fig. 27

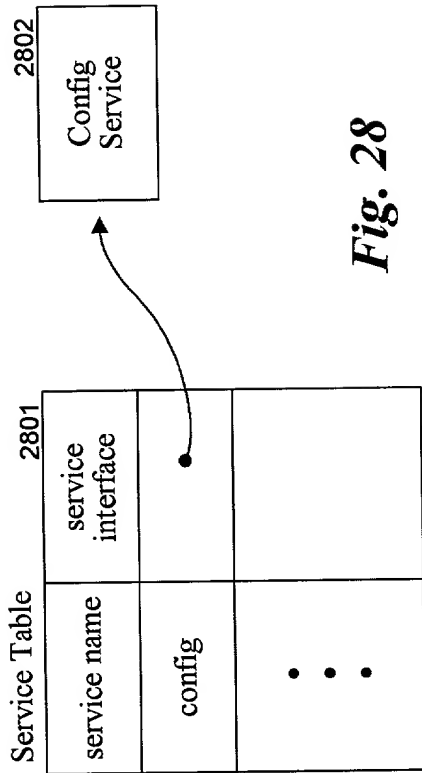
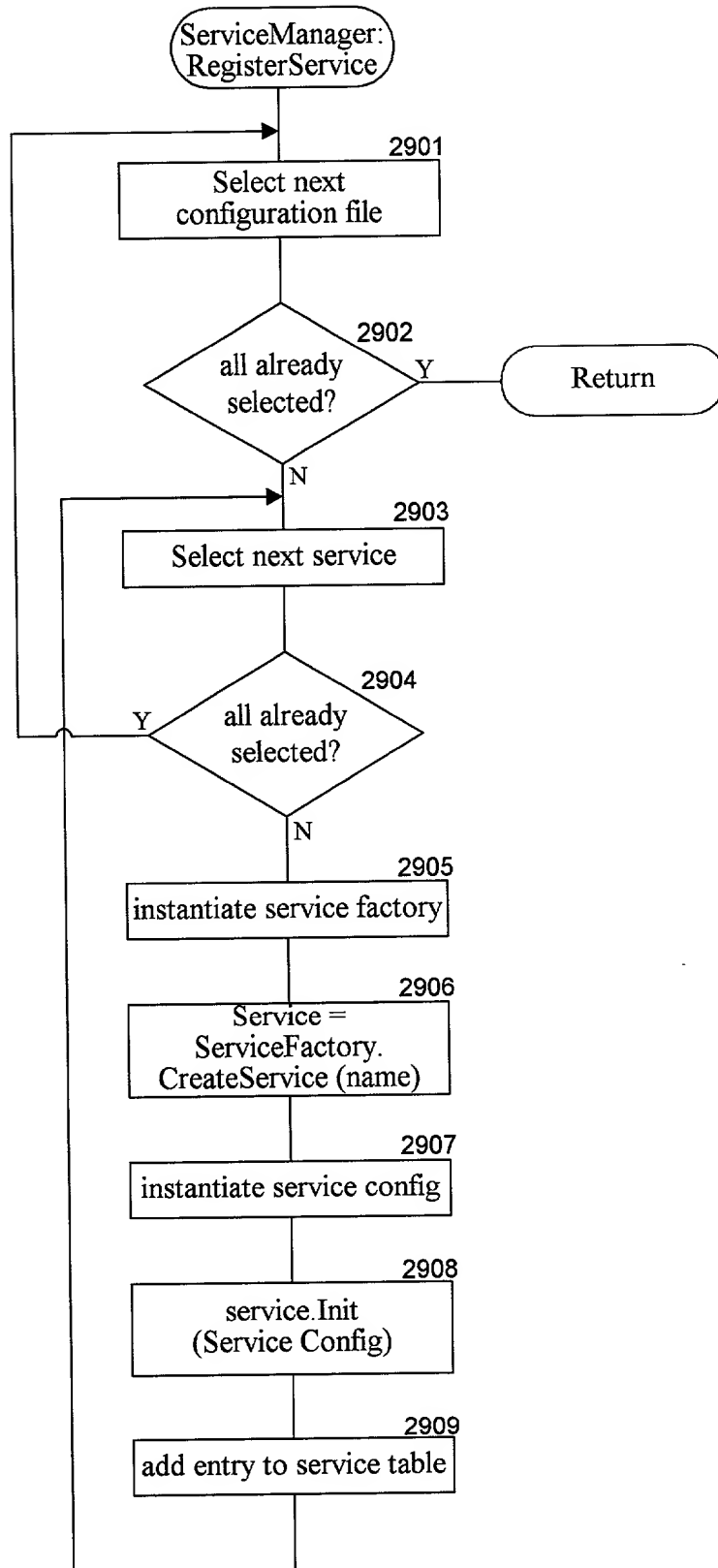
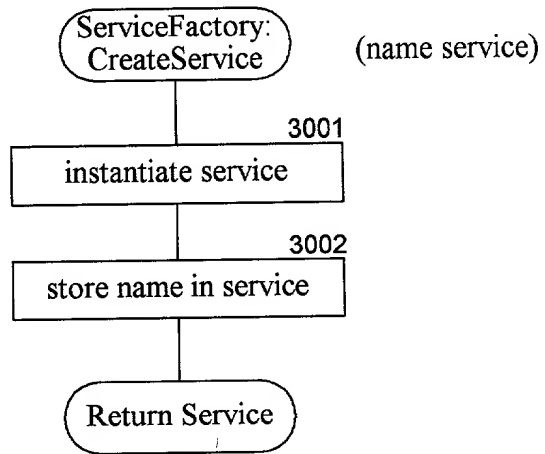


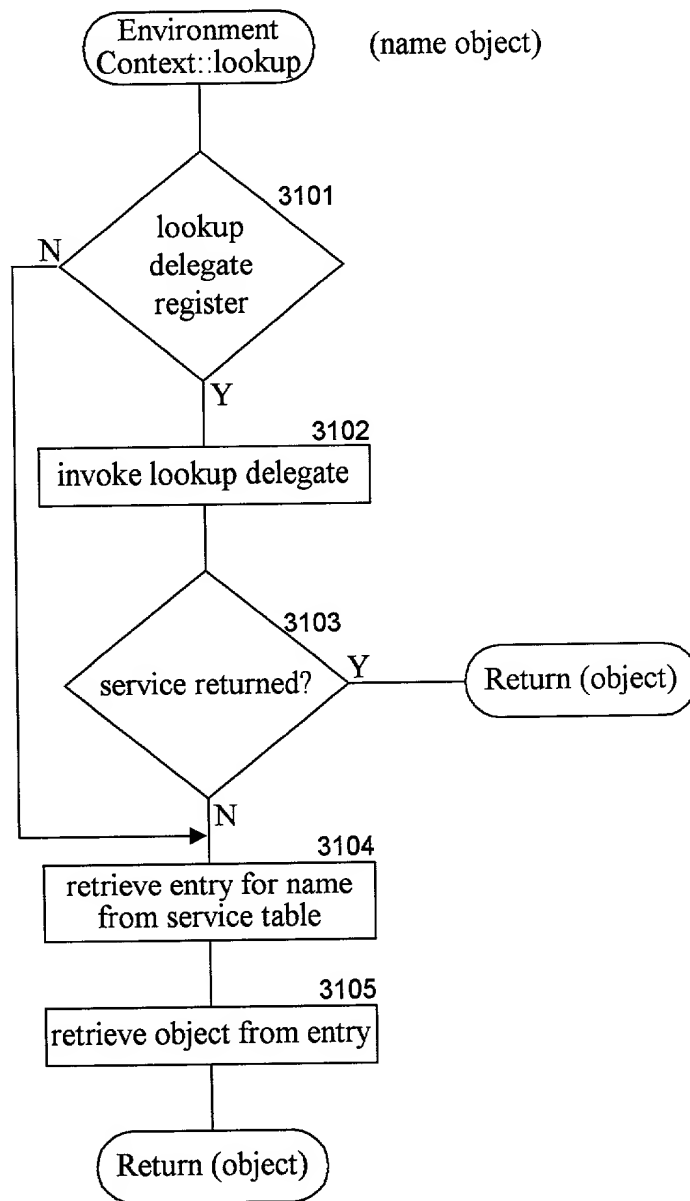
Fig. 28



**Fig. 29**

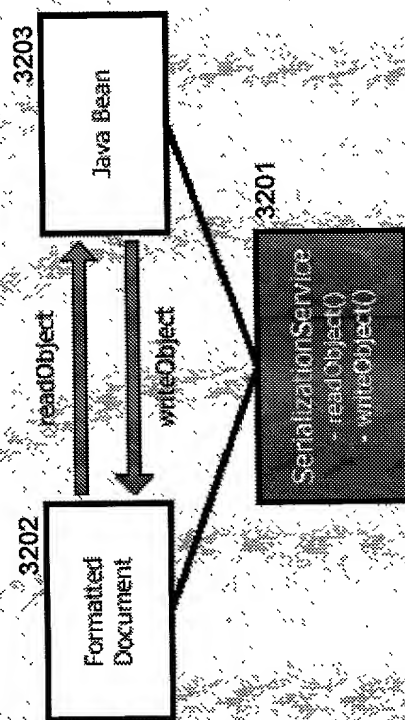


***Fig. 30***



**Fig. 31**

# Serialization Service

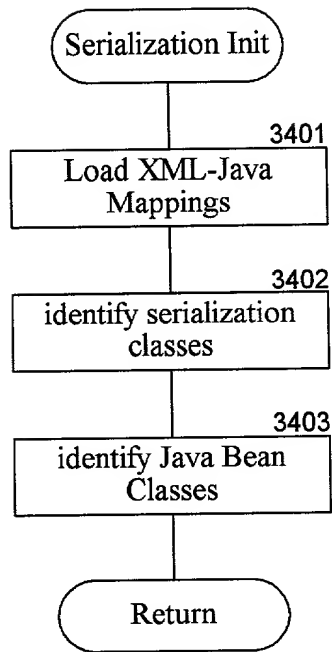


A **SerializationService** is responsible for transforming and validating formatted documents to and from **JavaBean** objects.

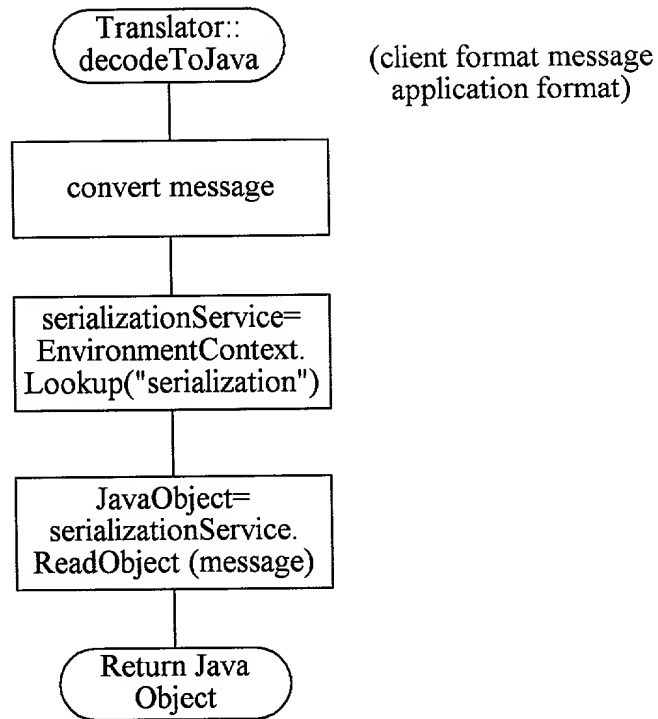
Fig. 32



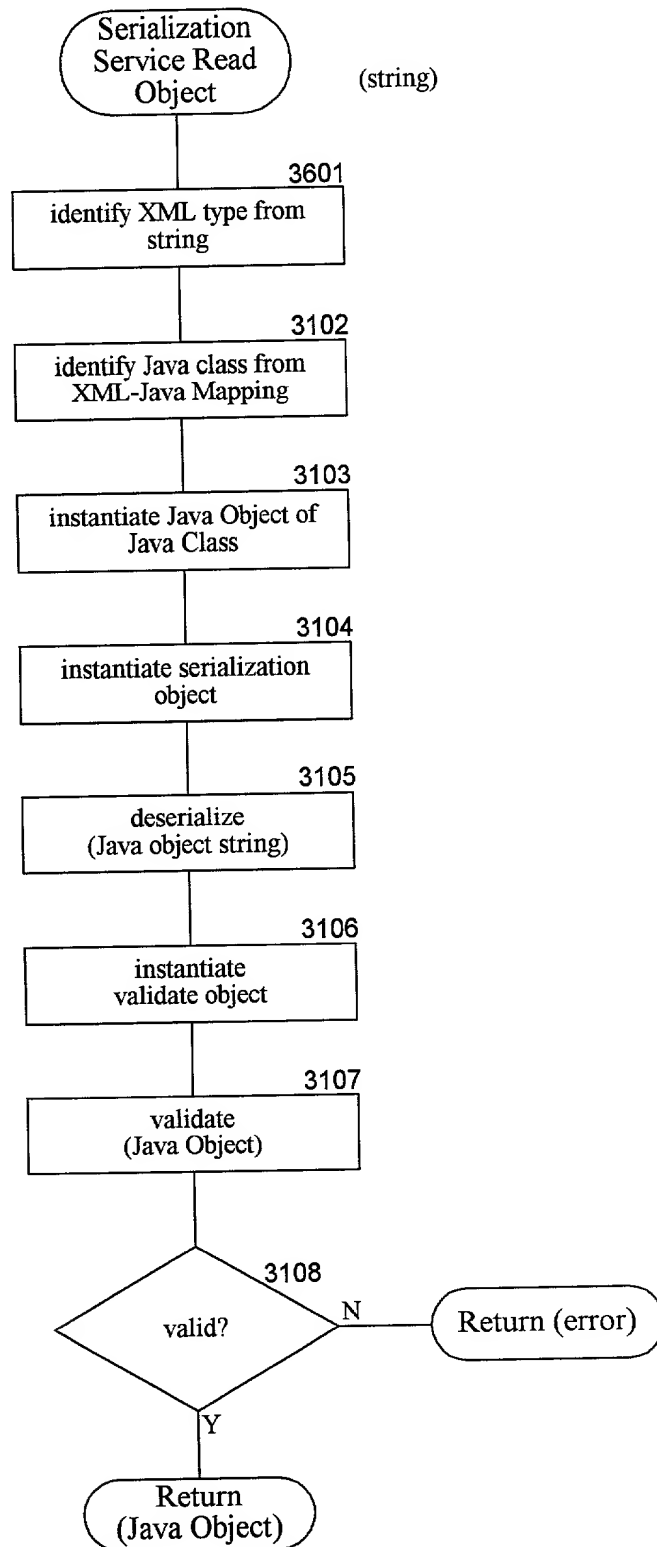




***Fig. 34***

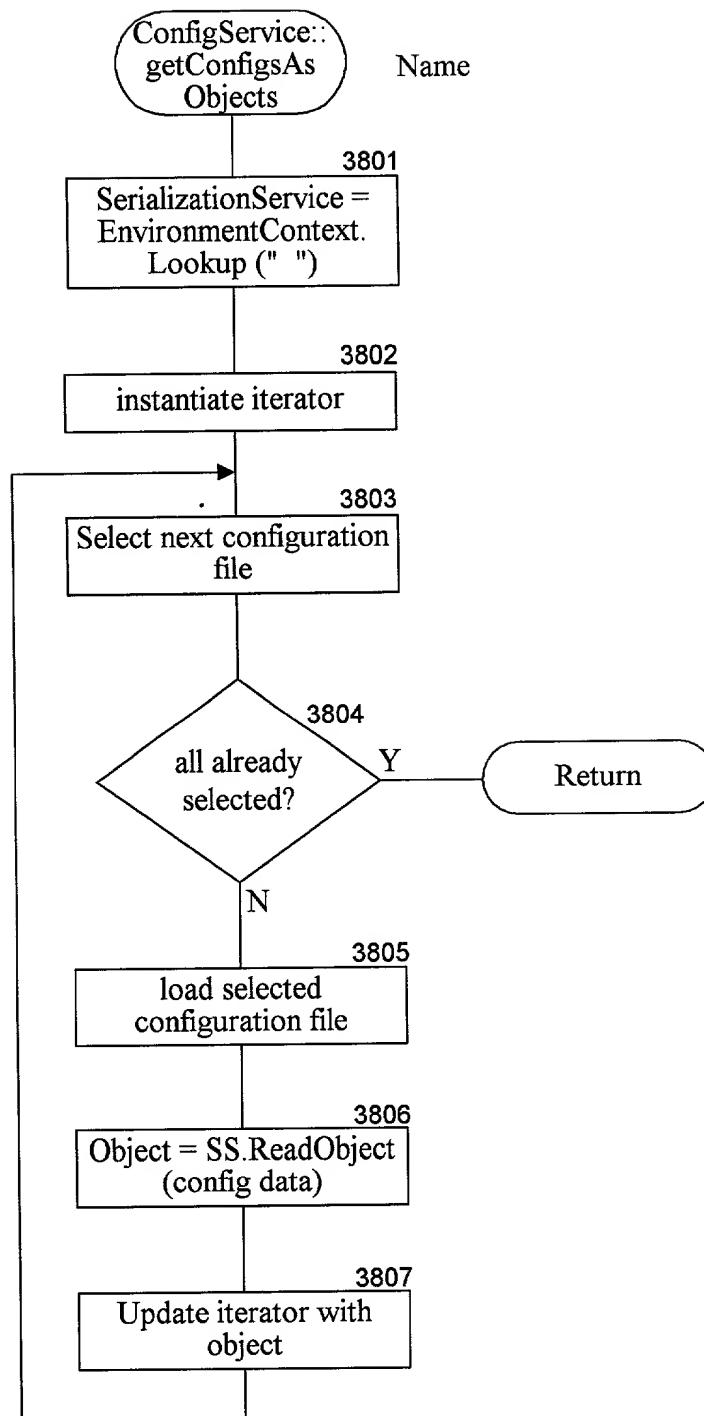


***Fig. 35***

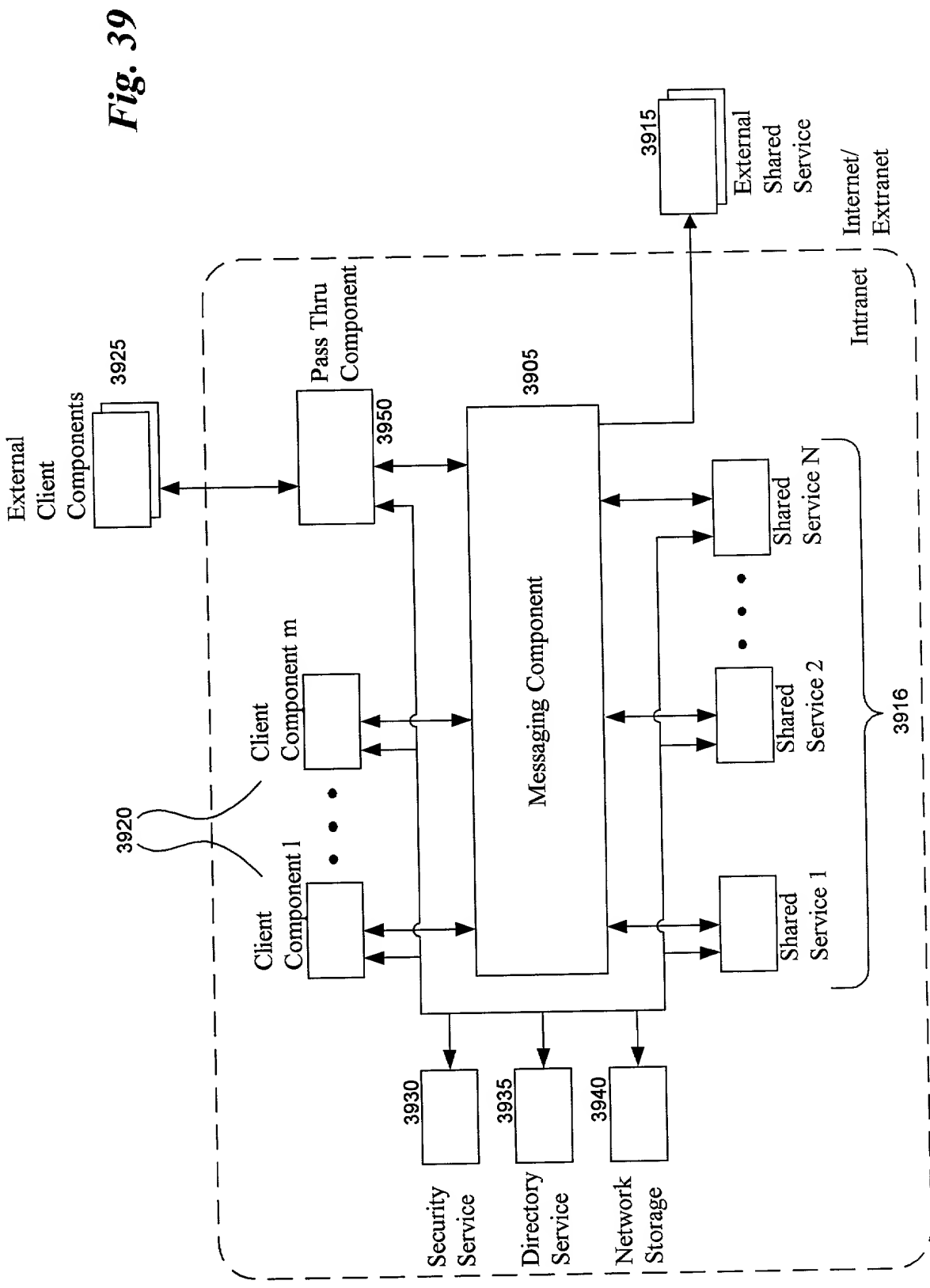


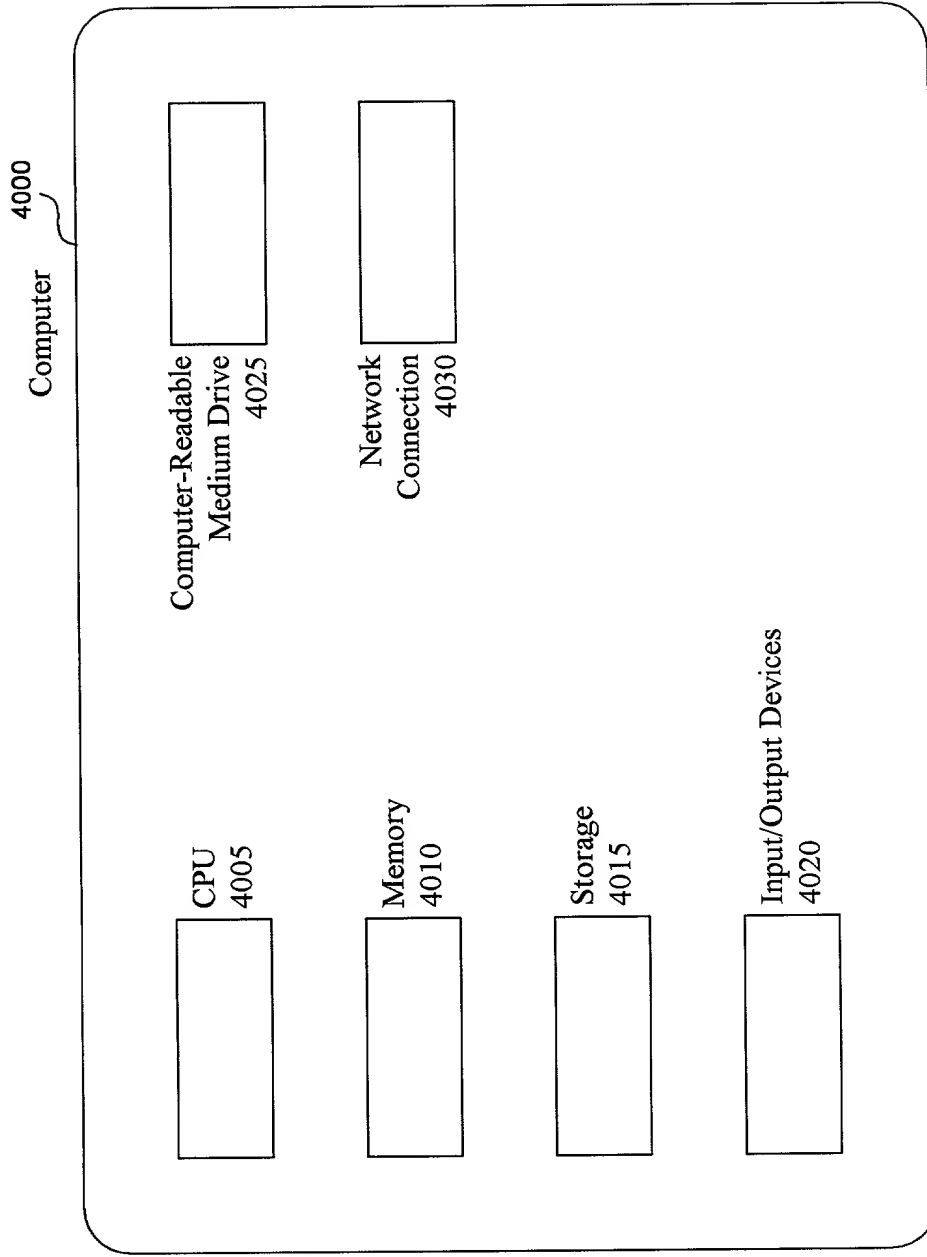
**Fig. 36**





**Fig. 38**





**Fig. 40**



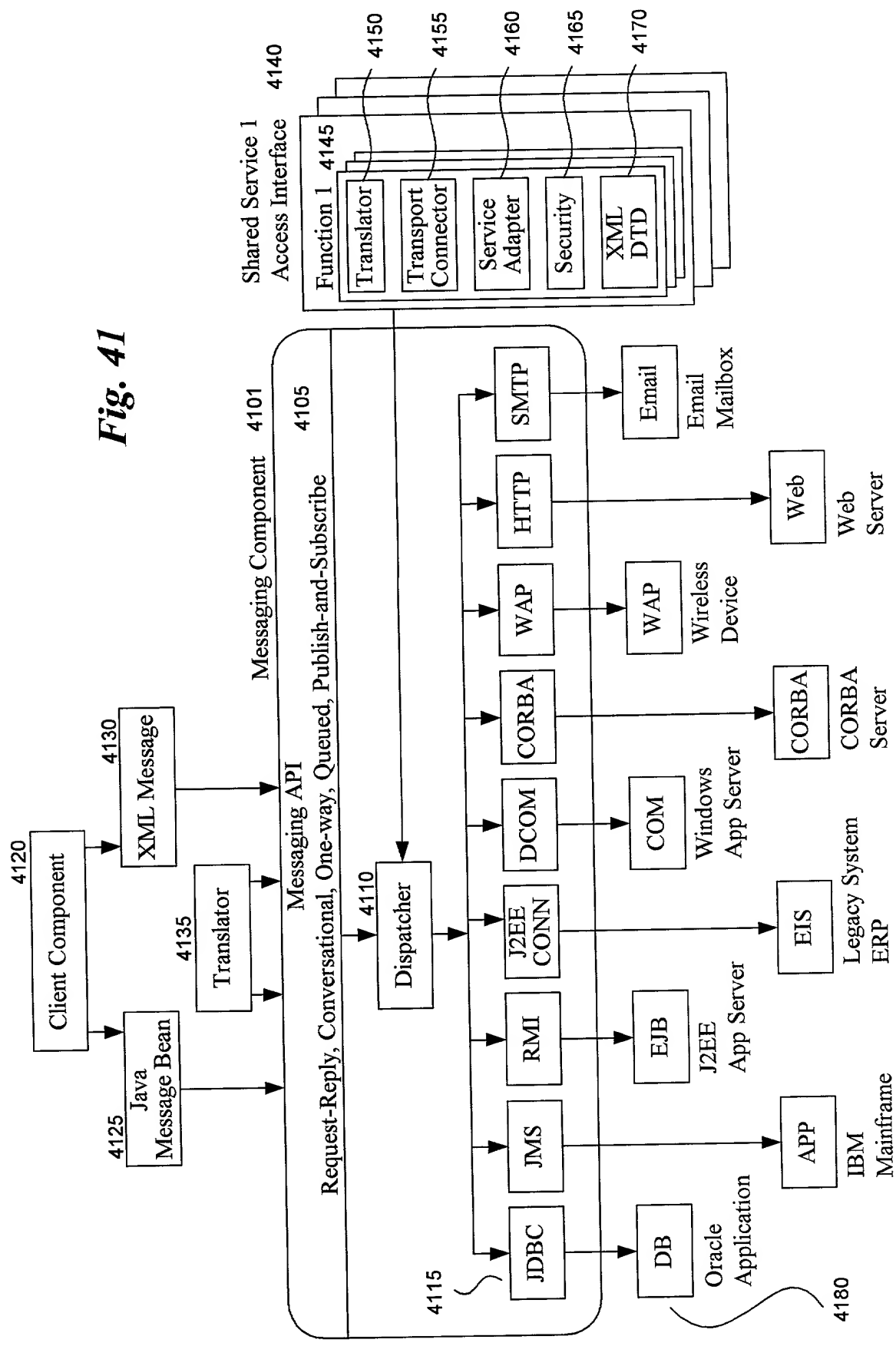
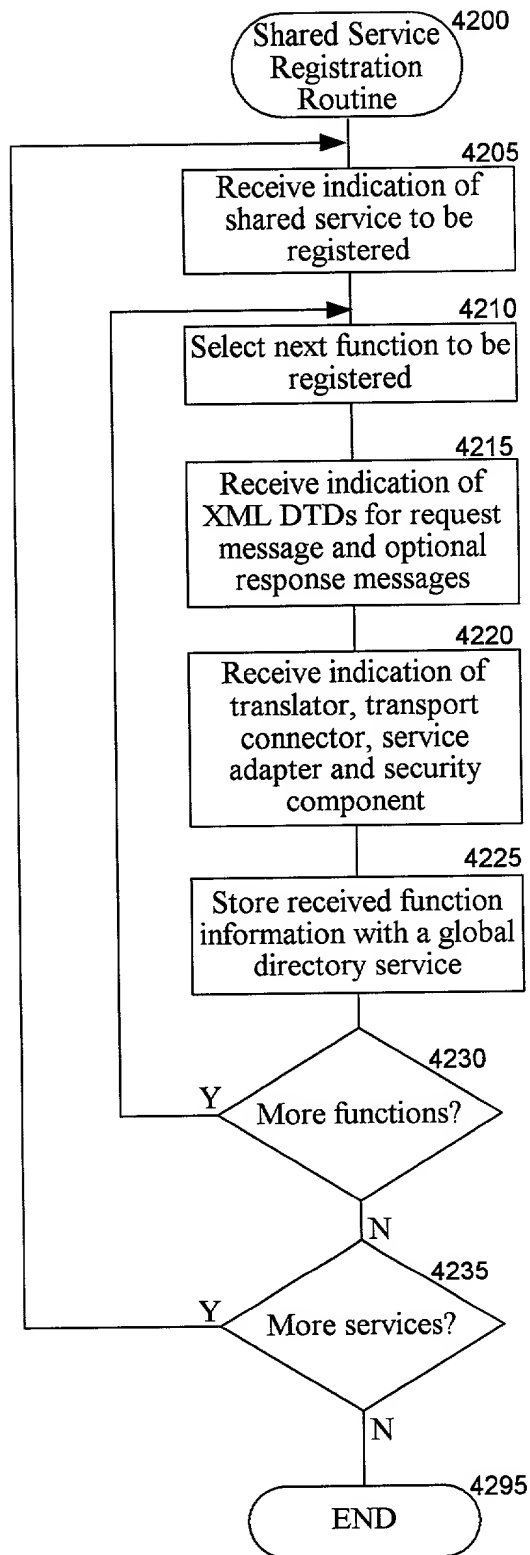
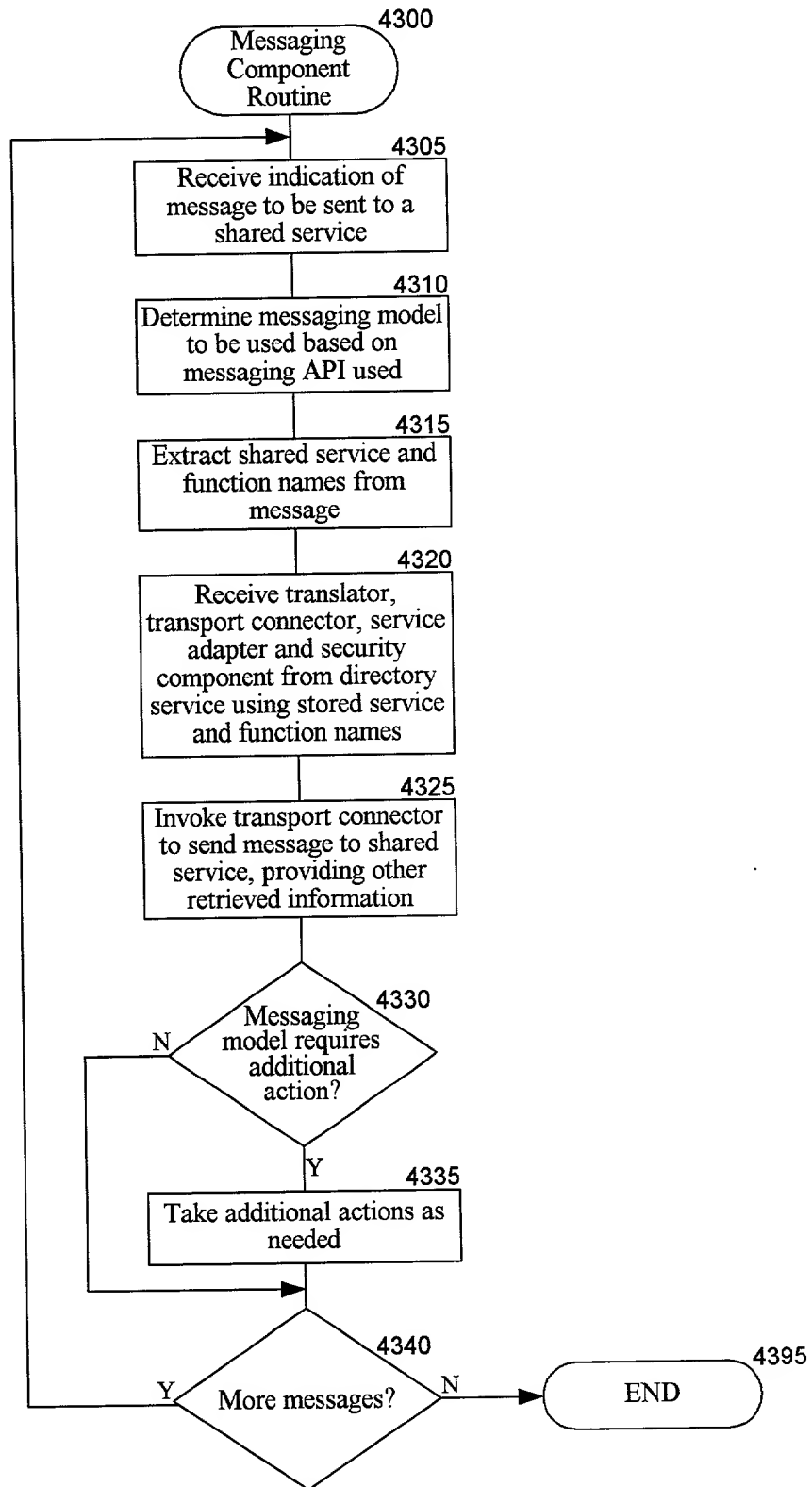


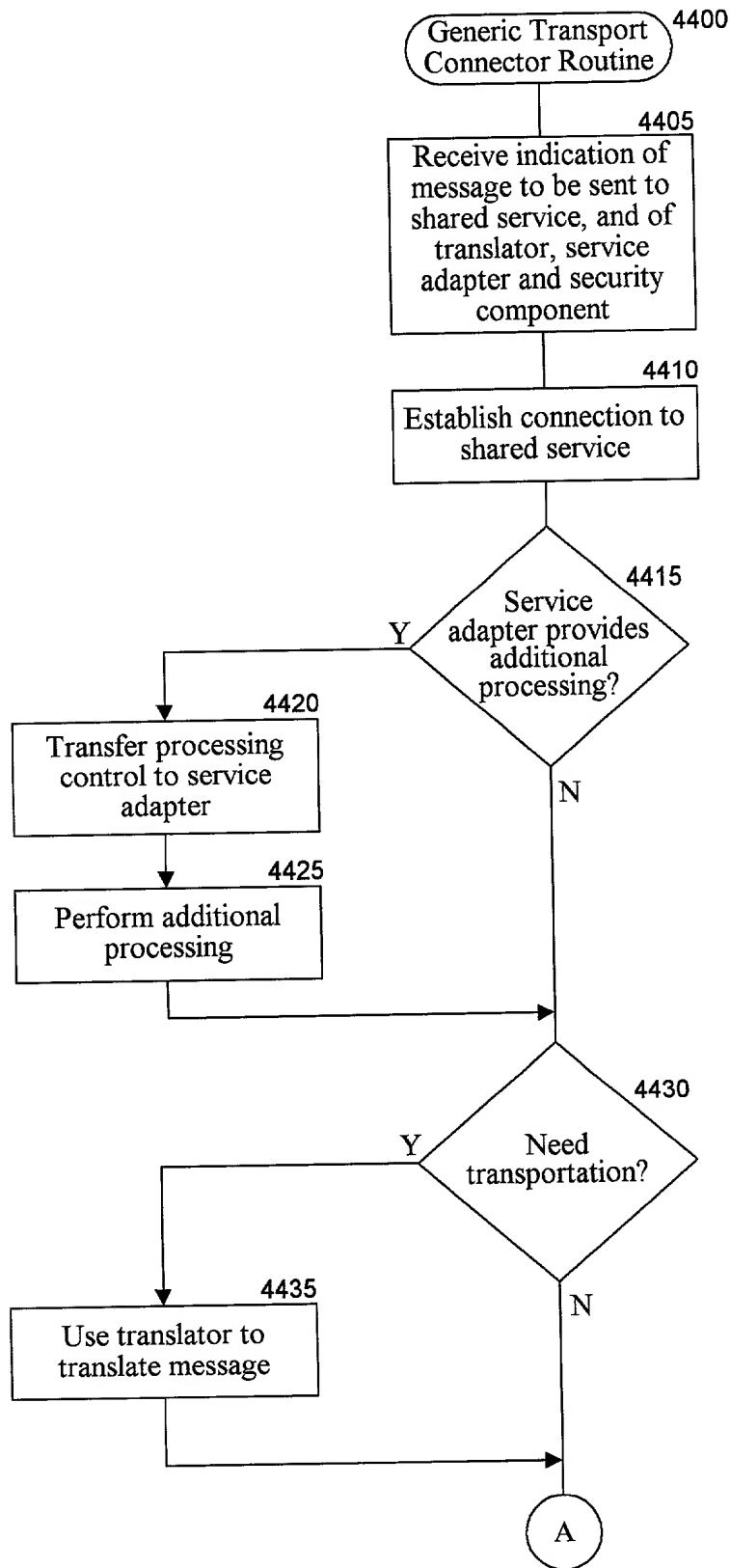
Fig. 41



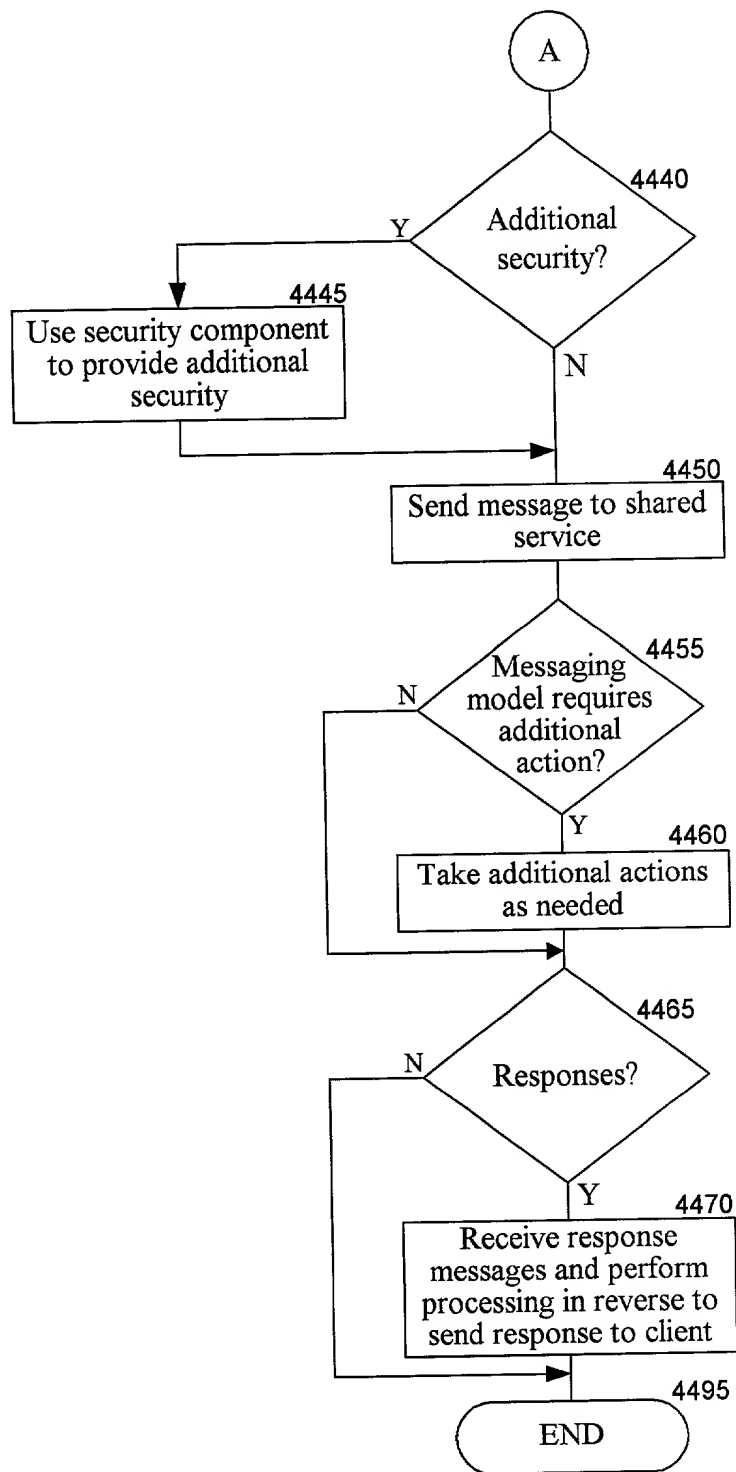
**Fig. 42**



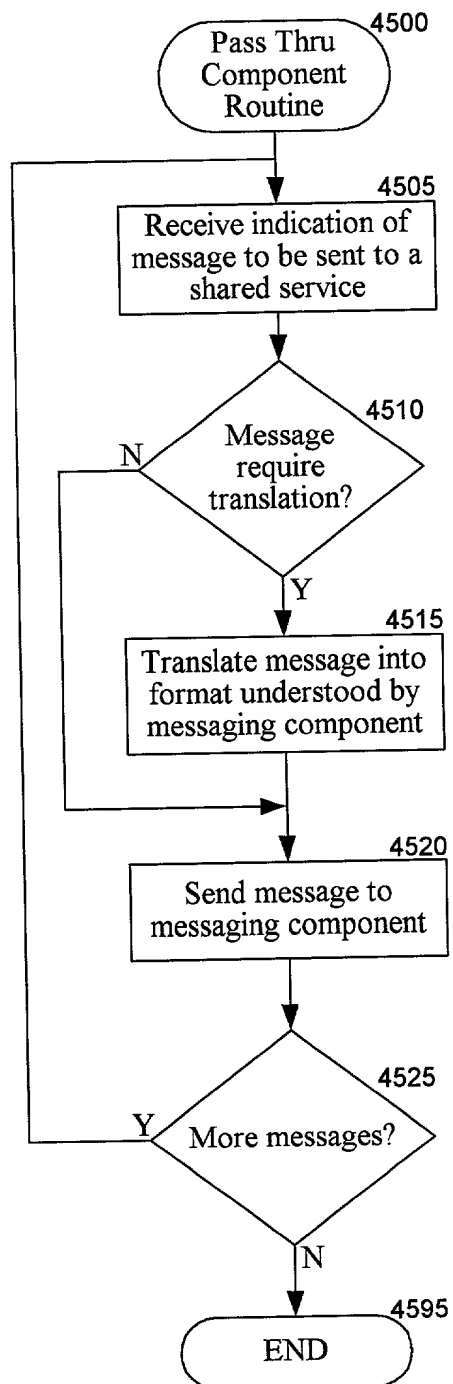
**Fig. 43**



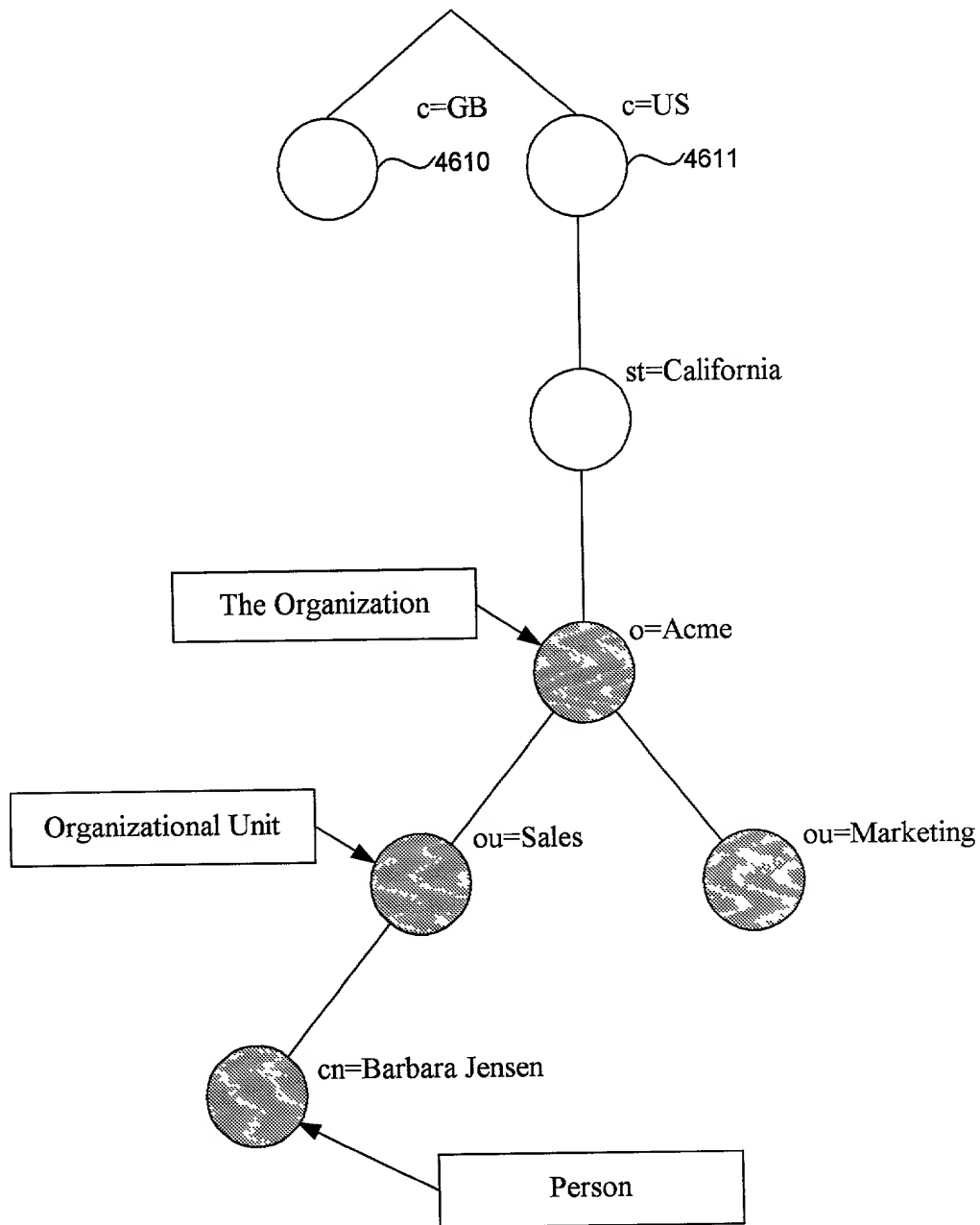
**Fig. 44A**



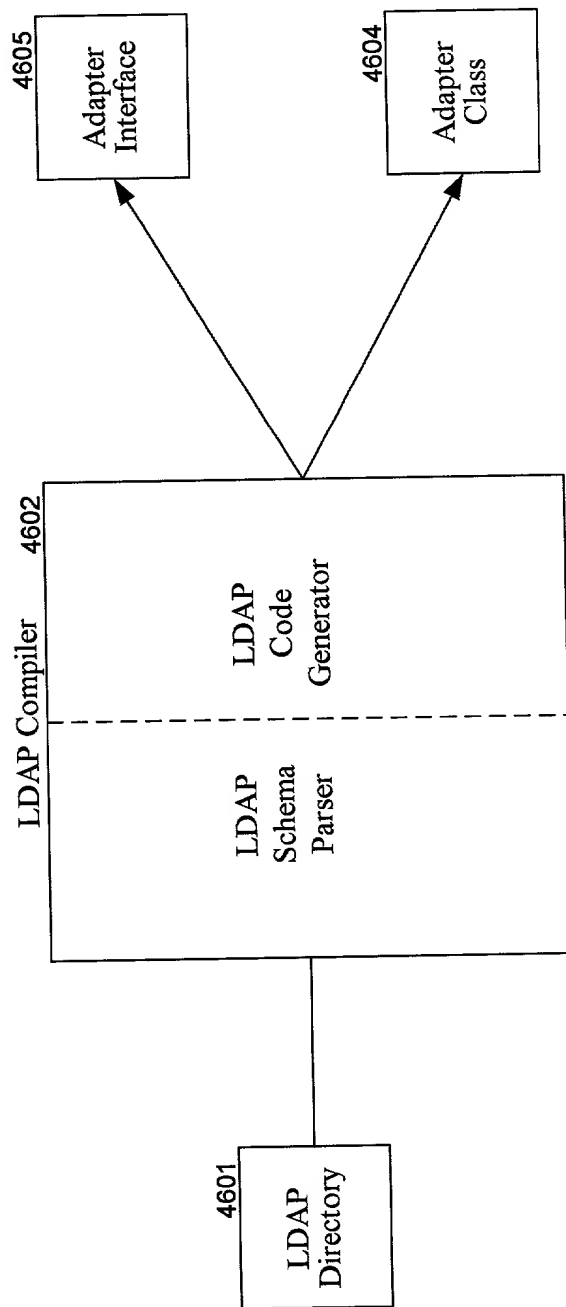
**Fig. 44B**



**Fig. 45**



**Fig. 46A**



**Fig. 46B**



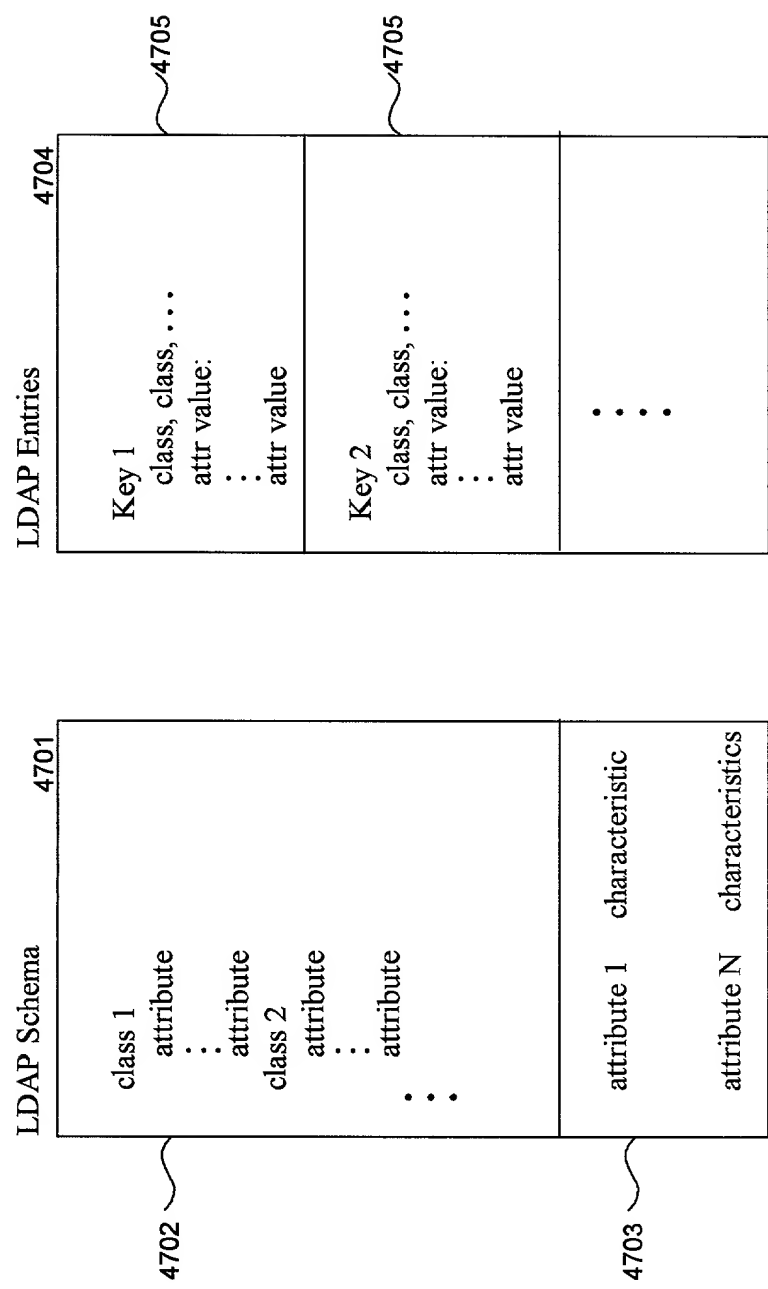
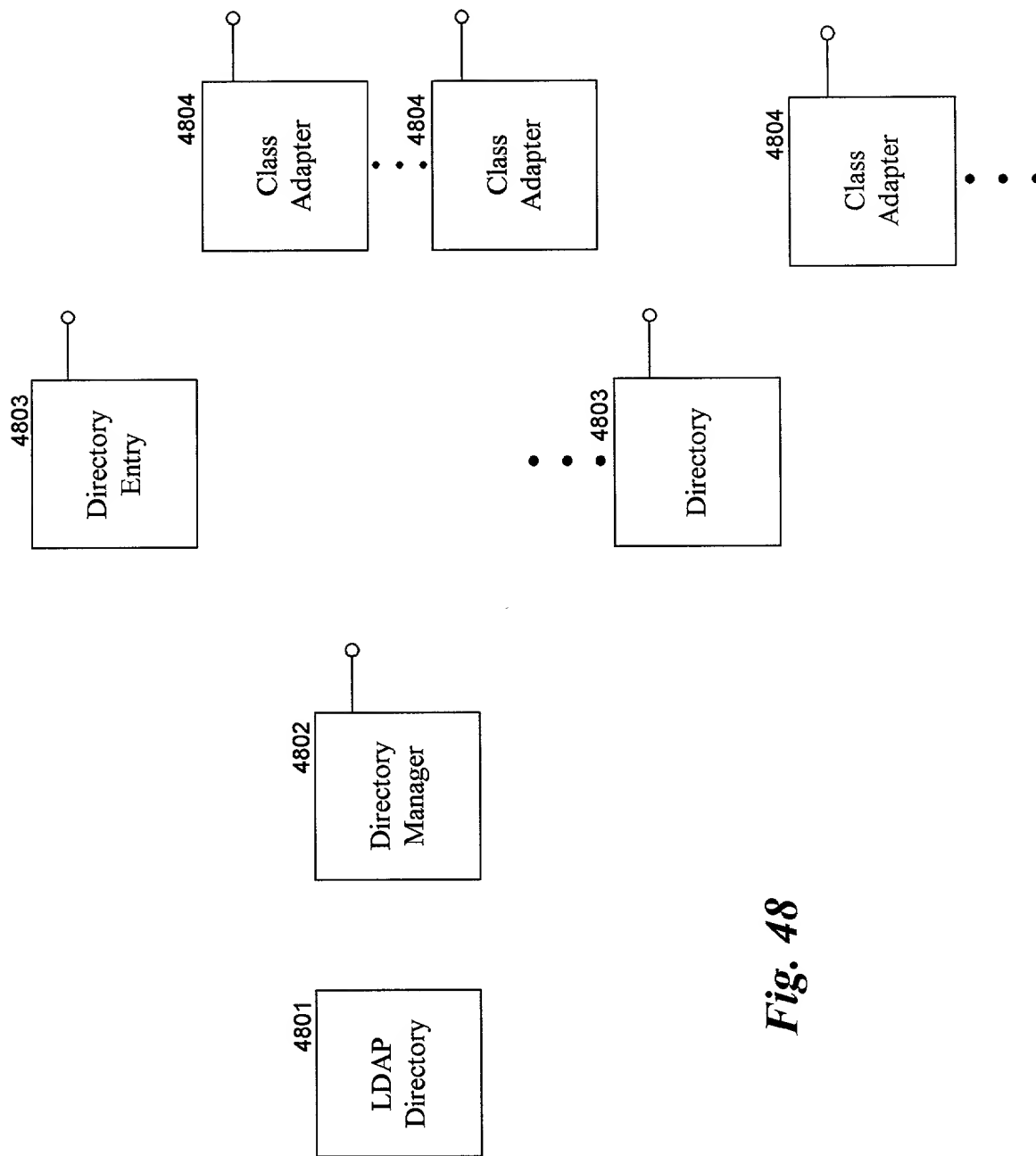
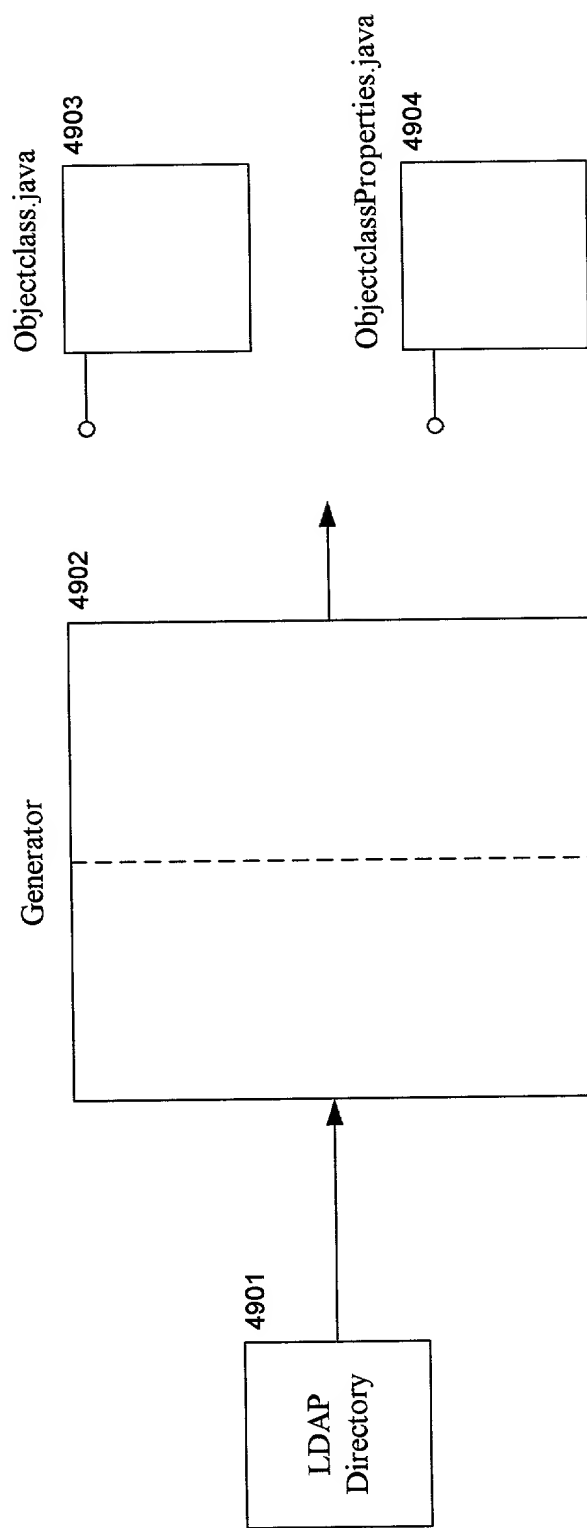


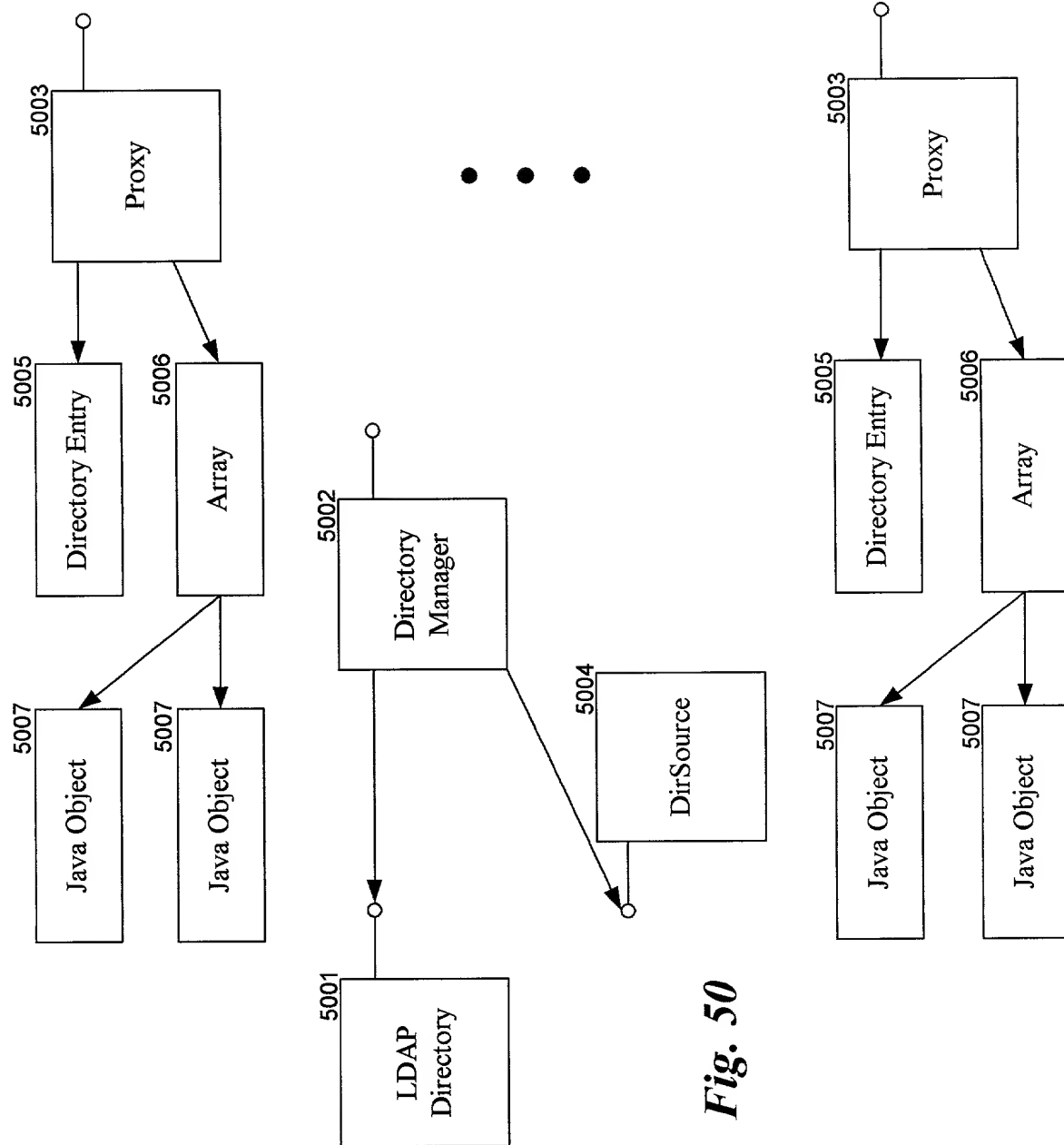
Fig. 47



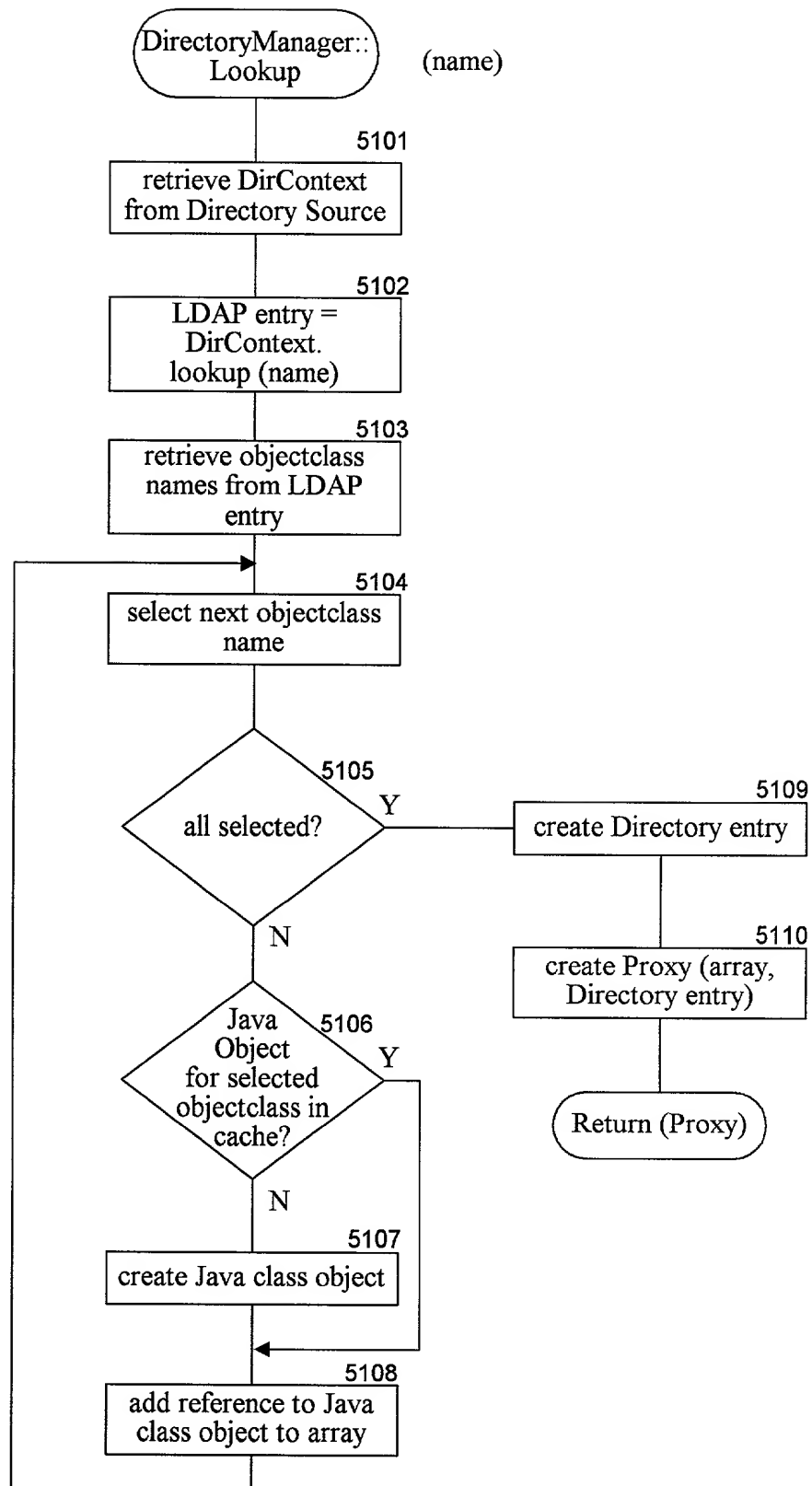
**Fig. 48**



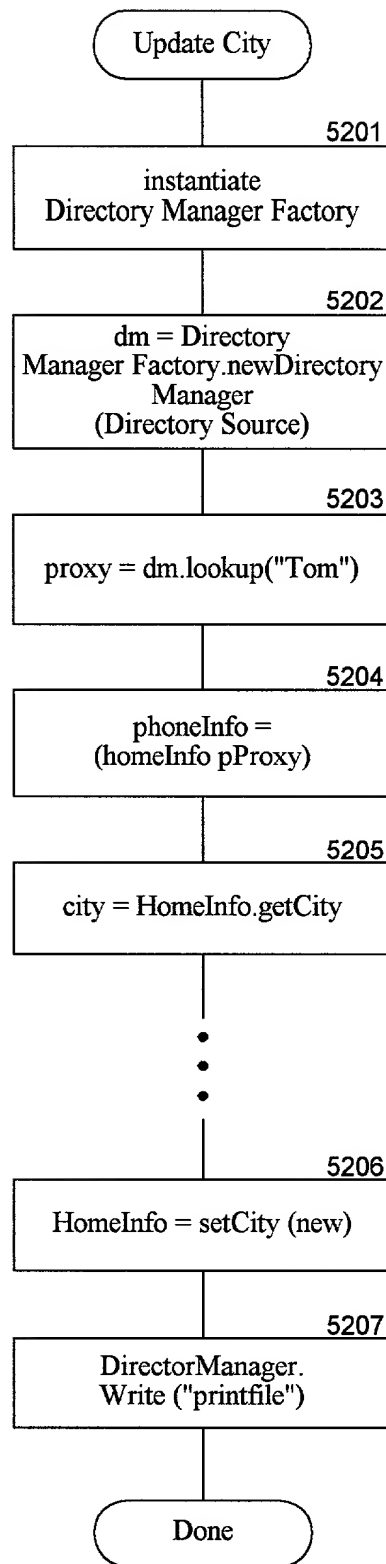
*Fig. 49*



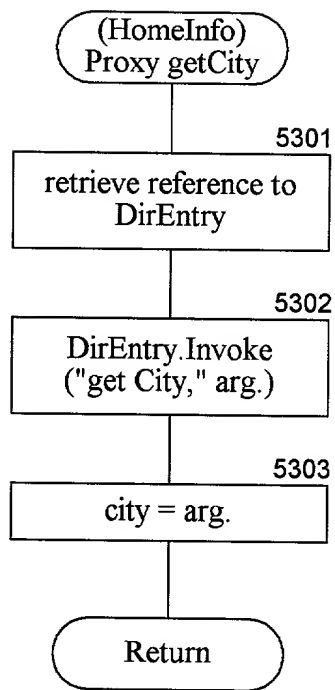
**Fig. 50**



**Fig. 51**



**Fig. 52**



***Fig. 53***